# SGH-p777 Series

## PORTABLE Tri-Mode TELEPHONE

**User Guide**

**Please read this manual before operating your phone, and keep it for future reference.**

EA5_020705_F6

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## Samsung Telecommunications America (STA), Inc.

| | |
|---|---|
| Headquarters: | Customer Care Center: |
| 1301 E. Lookout Drive | 1601 E. Plano Parkway, Suite 150 |
| Richardson, TX 75082 | Plano, TX 75074 |
| Tel: 972.761.7000 | Toll Free Tel: 1.888.987.HELP (4357) |

Internet Address: http://www.samsungusa.com

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# Table of Contents

# Section 1: Getting Started

## Topics Covered

- Activating your phone
- Setting Up Voice Mail
- Customer Support
- Understanding this User Manual

This section allows you to start using your phone by activating your service, setting up your voice mail, contacting customer support, or getting an understanding of how this manual is put together.

## Activating Your Phone

When you subscribe to a cellular network, you are provided with a plug-in SIM card loaded with your subscription details, such as your PIN or any optional services available. To Install the SIM card, use the following instructions:

### Installing the SIM Card

Note: The plug-in SIM card and its contacts can be easily damaged by scratches or bending, so be careful when handling, inserting, or removing the card. Keep your SIM card out of reach from small children.

To install the SIM card:

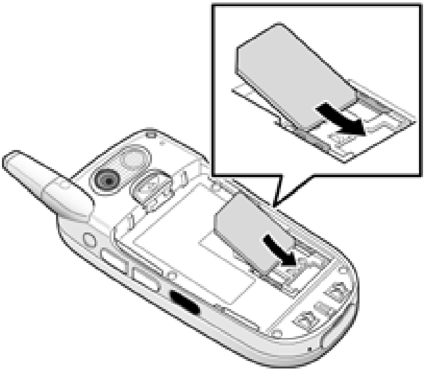
1. With the phone turned off, remove the battery as shown in the following illustration.

   Slide the battery lock toward the top of the phone and hold it in that position. Lift the battery away as shown.

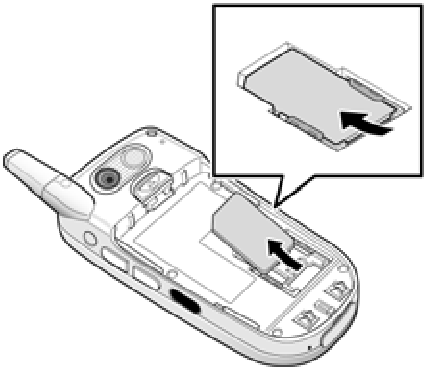


2. Slide the SIM card into the SIM card socket so that the card socket, as shown, so that the card locks into position.

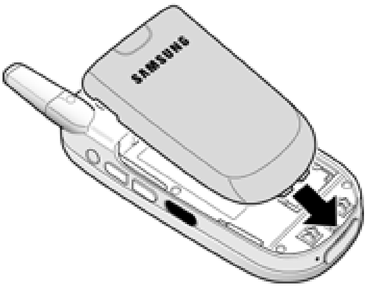
   Make sure the gold colored contacts of the card face into the phone.



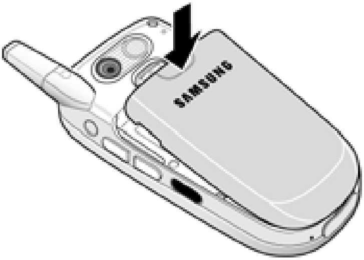
3. To remove the SIM card, slide it upwards, as shown, and take it out of the socket.



4. Replace the battery so that the tabs on the end align with the slots at the bottom of the phone.




5. Press the battery down until it clicks into place. Make sure that the battery is properly installed before switching on the power.






## Charging the Battery

Your phone is powered by a rechargeable Li-ion battery. A travel charger comes with your phone for charging the battery. Use only approved batteries and chargers. Ask your local Samsung dealer for further details.

The travel charger allows you to use the phone while the battery is charging, but this causes the phone to charge more slowly.

**Note:** You must fully charge the battery before using your phone for the first time. A discharged battery recharges fully in approximately 200 minutes.

To charge the battery:

1. With the battery in position on the phone, plug the connector of the travel charger into the jack at the bottom of the phone.



2. Plug the charger into a standard AC wall outlet.
3. When charging is finished, unplug the charger from the power outlet then disconnect it from the phone by pressing the buttons on both sides of the connector and pulling the connector out.





**Note:** You must unplug the charger before removing the battery from the phone during charging, otherwise, the phone could be damaged.

## Low Battery Indicator

When the battery is weak and only a few minutes of talk time remain, a warning tone sounds and a pop-up message repeats at regular intervals on the display. In this case, your phone will turn off the backlight to conserve the remaining battery power.

When the battery level is too low, the phone turns off automatically.

### Turning on your phone

1. Press and hold the key until the phone turns on.
2. If the phone asks you to enter a password, enter a password and press the **OK** soft key or the key. The password default is ‘00000000’.
3. If the phone asks for a PIN, enter the PIN and press the **OK** soft key or the key.

### Turning off your phone

Press and hold the key until the power-off image displays.

### Using Keypad Lock

The keypad can be locked to prevent accidental key entries.

1. When the display is on, press the **Unlock** soft key and then press the **OK** soft key.
2. When the display is off, press and hold the key and then press the **OK** soft key. Or you can press and hold either of the Volume keys on the side of the phone and press the **Unlock** soft key and then press the **OK** soft key.

## Dialing Your Voice Mail Box

To access your Voice Mail from your keypad, use the following steps:

1. Open the slider to access your keypad.
2. From an Idle screen, press and hold the key.
3. Follow the voice mail prompts to access messages.

# Accessing Your Voice Mail

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Highlight **Recent Calls** and press the key.
3. Highlight **Voice Mail** and press the key.
4. Highlight **Connect to Voice Mail** and press the key. Your phone dials the specified number of the voice mail center.
5. When connected, follow the voice prompts from the voice mail center.

# Changing the Voice Mail Number

Your SIM card gives you default service number of the voice mail center. However, you may need to change the number. Use the following procedures to change your voice mail number.

1. In Idle mode, press the **Menu** soft key to access the Menu mode.
2. Highlight **Recent Calls** and press the soft key or the key.
3. Highlight **Voice Mail** and press the soft key or the key.
4. Highlight **Voice Mail Number** and press the key or the key. **Voice Server 1** displays, press the **OK** soft key to edit.
5. Press the **Edit** soft key or the key.

6. Use the [C] key to clear the current number, enter a new number and press the **OK** soft key or the [✕] key.
7. When you are finished, press the [end] key.

# Section 2: Understanding Your Phone

## Topics Covered

- Features of Your Phone
- Front and Rear View of Your Phone
- Command Keys
- Understanding the Display Screen

This section outlines some key features of your phone. It also displays the screen and the icons that will are displayed when the phone is in use.

## Features of Your Phone

Your phone is lightweight, easy-to-use and offers many significant features. The following list outlines a few of the features included in your phone.

User friendly, menu driven access to features and options.

- Instant Messaging capability
- Multimedia capability including Camera, MP3 Player, Record Audio and Java Games.
- Personal Assistant feature provides Calendar, To Do List, Alarm, Calculator, Currency Exchange, and PIM Synchronization.

# Front View of Your Phone



## Rear View of Your Phone




## Keys

The following list correlates to the from and rear illustrations.

1. Performs the functions indicated by the screen text on the
   bottom line of the display.
2. (on the left side of the phone)

   Adjusts the ringer volume when the phone is ringing. Adjusts the earpiece volume during the call.

   In Idle mode, adjusts the keypad tone volume.

   In Menu mode, scrolls through the menu options.

**3.** Makes or answers a call.
In Idle mode, recalls the last number dialed or received when held down.

In Menu mode, selects a menu option or stores information that you have entered.

**4.** Enters numbers, letters, and some special characters.

**5.** Enters special characters and performs various functions.

**6.** Port provided for charging and PC data link cable.

**7.** The microphone used during phone calls and voice memo recordings.

**8.** Deletes characters from the display.
In Menu mode, returns you to the previous menu level.

**9.** Ends a call. Also switches the phone on or off when held down.

**10.** In Idle mode, launches the WAP (Wireless Application Protocol) browser.

In Menu mode, selects the highlighted menu option or confirms your input.

**11.** In Idle mode, allows you to access your favorite menu options directly. For further details about shortcuts, see "Using Shortcuts" on page 36.

On a menu list, the **Up** or **Down** keys scrolls through the menu options. The soft key returns you to the previous menu level and the **Right** key selects the highlighted menu option.

When entering text, moves the cursor, depending on which side you push.

**12.** The display area where text and graphics appear.

**13.** The earpiece used to listen to audio from your phone.

**14.** The antenna is used to obtain reception.

**15.** The camera lens used for taking photos and videos.

**16.** The external camera key used to launch the camera and take a photo or video.

**17.** Launches the MP3 Player.

**18.** The infrared sensor is used to send and receive data.

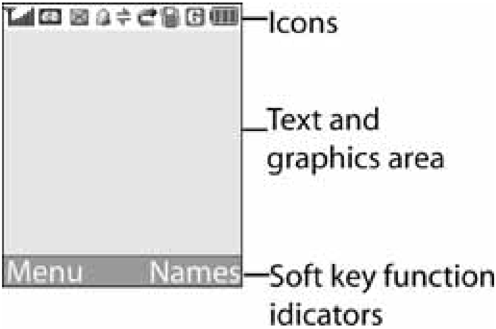
**19.** The flash sense will light when the flash is turned on.

**20.** The microphone is used to record audio during a video recording.

**21.** The headset jack is used for the handsfree equipment.

## Display Screen Layout

The display screen has 3 areas. They are:




# Icons

 Shows the received signal strength. The greater the number of bars, the stronger the signal.

 Appears when you are connected to the GPRS network.

 Appears when a new text message has been received.

 Appears when a new voice mail has been received.

 Appears when a new multimedia message has been received.

 Appears when there is a new text message and a new multimedia message received.

 Appears when a new Email has been received.

 Appears when a multimedia message is being sent.

 Appears when the IrDA port is active. For details, see "Infrared Activate" on page 117.

 Appears when you set an alarm to ring at a specified time. For details, see "Setting Alarms" on page 152.

 Appears when a call is in progress.

 Appears when you are connected to a WAP service.

 Appears when the Call Forwarding feature is active. For details, see page "Call Forwarding" on page 110.

 Appears when you are in the Home Zone if you are subscribed to the service.

 Appears when you are in the City Zone if you are subscribed to the service.

 Appears when Silent mode is active or you set the phone to vibrate when you receive a call.

 Appears when Mute mode is active. For details, see"Switching Off the Microphone (Mute)" on page 31.

 Shows the level of your battery. The more bars you see, the more power you have remaining.

# Section 3: Call Functions

## Topics Covered

- Making a Call
- Answering a Call
- Adjusting the Call Volume
- Call Log

This section allows you to make or answer a call. It also includes the features and functionality associated with making or answering a call.

## Making a Call

1. When the Idle screen displays, enter the area code and phone number.
2. To clear the last digit displayed, press the key.
3. To clear any other digit, press the **Left** or **Right** soft keys.
4. To clear the whole display, press and hold the key.

### Ending a Call

When you want to end your call, briefly press the key or close the phone.

### Making an International Call

1. Press and hold the 0+ key. The + character appears.
2. Enter the country code, area code, and phone number and press the key.

### Redialing the Last Number

The phone stores the number of calls dialed, received, or missed.

In Idle mode, press and hold the key to redial the last number dialed or received.

### Making a Call from the Address Book

Phone numbers stored in the SIM card or in the phone’s memory are accessed in the Address Book.

Once numbers have been stored in the Address Book they can be accessed by pressing a few keys. Also, numbers frequently used can be assigned a Speed Dial entry. For more information see "Speed Dialing" on page 58.

# Answering a Call

When you receive a call, the phone rings and displays the incoming call image.

The caller's phone number or name, if stored in the Address Book, displays.

1. If necessary, open the phone.
2. Press the key or the **Accept** soft key to answer the incoming call.
   When the **Phone Settings-Slide Settings** option is set to **Up-Accept call**, you can answer the call simply by opening the phone.

**Notes:**
To reject the call, press the **Reject** soft key or the key.
You can mute the ringer by pressing the **volume** keys on the side of the phone.

3. End the call by closing the phone or press the key.

**Note:** You can answer a call while using the menu features. After ending the call, the display returns to the function screen you were using.

# Adjusting the Call Volume

During a call, you can adjust the earpiece volume using the volume keys on the left side of the phone.

Press the ▲ key to increase the volume level and the ▼ key to decrease the level.

In Idle mode, you can also adjust the keypad tone volume using these keys.

# Missed Calls

## Viewing and Calling Missed Calls

When you are unable to answer a call for any reason, a missed call list is created.

The number of calls missed displays on the Idle screen immediately after a call is missed.

To view a missed call immediately:

1. If necessary, open the phone.
2. Press the **View** soft key or the key.
   The number for the most recent missed call displays.
3. To scroll through the missed calls, press the **Up** or **Down** key.
4. To call the number displayed, press the key.
5. To return to Idle mode, press the key.

## Editing a Missed Call Number

1. Press the **View** soft key or the key.
2. To scroll through the missed calls, press the **Up** or **Down** key.
3. Press the **Select** soft key.
4. Press the **Options** soft key to highlight the **Edit** option.
5. Press the **Select** soft key or the key.
6. Change the number.
7. To call the number, press the key.
8. To store the number, press the **Save** soft key or the key.

9. Use the **Right** or **Left** navigation keys to choose the Entry Type.
10. Select the location (SIM or Phone Memory) and press the **Select** soft key.
11. Enter the name and press the **OK** soft key.

### Deleting a Missed Call

1. Press the **View** soft key or the key.
2. Press the **Up** or **Down** key to highlight the number and press the **Select** soft key
3. Press the **Options** soft key.
4. If necessary, press the **Up** or **Down** key to highlight the **Delete** option.
5. Press the **Select** soft key or the key.

**Note:** You can access the Missed Call feature by selecting Recent calls then Missed Calls.

## Call Log

The phone stores the numbers of the calls you've dialed, received or missed. You can access these functions from the Idle or Menu mode.

### Accessing the Call Log from the Idle Mode

In Idle mode, press the key. A list of the most recent numbers used, in the order you dialed or received them.

1. To dial the number, press the .
2. To view options, press the **Options** soft key. Choose from the **View**, **Edit**, **Delete** or **Delete All** options.

## Editing Numbers in the Call Log

1. To edit the number, press the **Edit** soft key.
2. Press the **Save** soft key and highlight the entry type.
3. Press the **Select** soft key or key. Highlight the location and press the **Select** soft key.
4. Enter a name and press the **OK** soft key. Press the **Options** soft key to access more options. See "Using Address Book Entry Options" on page 60 for more details.

## Deleting Numbers in the Call Log

1. Select the number to delete.
2. To delete the call, highlight **Delete** and press the key.

## Deleting All Numbers in the Call Log

You can delete all, of the records in each call log separately. You can also delete all of your calls at one time.

1. In Idle mode, press the **Menu** soft key to access the Menu mode.
2. Select **Recent Calls**, then select **Delete All** and press the **Select** soft key or the key.
3. Scroll to the type of calls you want to delete and place a check mark by pressing the key.
4. Press the **Delete** soft key. Press **OK** to confirm deletion.
5. When you are finished, press the key.

## Viewing the Call Time

You can check the length of your calls.

1. In Idle mode, press the **Menu** key and highlight **Recent Calls**.
2. Select **Call Time** and press the **Select** soft key or the key.
3. Use the **Up** or **Down** navigation keys to select from the following options:
   - Last Call: shows the length of the last call.
   - Total Received: shows the total length of all calls you have received since the timer was last reset.
   - Total Made: shows the total length of all calls you have made since the timer was last reset.
   - Reset Timers: clears all call data associated.

You can select **Reset Timers** to reset the call timers. You must first enter the phone password and then press the **OK** soft key or the key.

**Note:** The password is preset to “00000000.” To change this password, see "Change Password" on page 121.

4. When you have finished, press the key.

## Options During a Call

Your phone provides a number of functions that you can use during a call.

### Putting a Call on Hold

You can place the current call on hold whenever you want. You can make another call while you have a call in progress if your network supports this service.

1. To place a call on hold, simply press the **Hold** soft key.
2. To reactivate the call, press the **Unhold** key.

### Making a Second Call

To make a call while you have a call in progress:

1. Enter the phone number that you wish to dial or look it up in the Address Book.
2. Press the key to dial the second call.
   The first call is automatically put on hold.

Alternatively,

1. Put the current call on hold by pressing the **Hold** soft key.
2. Make the second call in the normal way.

### Switching Between Two Calls

When you have an active call and a call on hold, you may switch between the two calls, changing the one on hold to active and placing the other on hold.

1. To switch between the two calls, simply press the **Swap** soft key.
   The current call is placed on hold and the call on hold is reactivated so that you can continue conversing with that person.
2. When you want to finish, end each call normally by pressing the key.

## Answering a Waiting Call

You can answer an incoming call while you have a call in progress, if this service is supported by the network and you have set **Call Waiting** to **Activate**; see "Call Waiting" on page 113. You are notified of an incoming call by a call waiting tone.

To answer a call while you have a call in progress:

1. Press the key to answer the incoming call. The first call is automatically put on hold.
2. To switch between the two calls, press the **Swap** soft key.
3. To end a call on hold, press the **Options** soft key or the key and select **End Hold Call**.
   To end the current call, press the key.

## Switching Off the Microphone (Mute)

You can temporarily switch off your phone's microphone, so that the person on the phone cannot hear you.

For example, you wish to say something to the person in the room, but do not want the person on the phone to hear you.

To switch the microphone off temporarily:

1. Press the **Options** soft key or the ✕ key.
2. Select **Mute**. The other person can no longer hear you.

To switch the microphone back on:

1. Press the **Options** soft key or the ✕ key.
2. Select **Unmute**. The other person can hear you again.

## Muting or Sending Key Tones

**Mute Keys** and **Send Keys** options allow you to turn off and on the key tones. If the **Mute Keys** option is selected, your phone does not transmit the DTMF (Dual Tone Multi-Frequency) tones of the keys, which allows you to press keys without hearing key tones during a call.

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**Note:** To communicate with answering machines or computerized telephone systems, the **Send** Keys option must be selected.

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## Searching for a Number in the Address Book

You can search for a number in the Address Book during a call.

1. Press the **Options** soft key or the ✕ key.
2. Select **Address Book**.
   The Address Book entries are listed.
3. Enter the name that you wish to find.
4. If you enter the first few letters of the name, the Address Book entries are listed starting with the entry that most closely matches your input.

5. To view the highlighted entry, press the **Select** soft key or the ✕ key.

For further details about the Address Book feature, see "Finding an Entry in Address Book" on page 60.

## Making a Conference Call

A conference call is a network service that allows up to six people to take part simultaneously in a multi-party call.

For further details about subscribing to this service, contact your service provider.

## Setting up a Conference Call

1. Call the first participant in the normal way.
   Call the second participant in the normal way. The first call is automatically put on hold.
2. To join the first participant to the conference call, press the **Options** soft key and select **Join**.
3. To add a new person to the conference call, call the new person in the normal way and then press the **Options** soft key.
4. Highlight **Join** and press the **OK** soft key or the ✕ key. Repeat as required.

## Having a Private Conversation with One Participant

During a conference call, use the following options:

1. Press the **Options** soft key and choose **Select One**. The list of call participants appears.
2. Highlight a person by pressing the **Up** and **Down** key, and press the **Select** soft key.

3. Select **Private**.
   Now you can talk privately to that person. The other participants can continue to converse with each other.
4. To return to the conference call, press the **Options** soft key and select **Join**.
   All of the conference call participants can now hear each other.

## Dropping One Participant

1. Press the **Options** soft key and highlight **Select One**.
   The list of call participants appears.
2. Highlight a person by pressing the **Up** and **Down** key, and press the **Select** soft key.
3. Select **Remove**.
   The call with that participant ends, but you can continue to talk to the other participants.
4. When you want to end the conference call, close the phone or press the key.

# Section 4: Menu Navigation



## Topics Covered

- Menu Navigation
- Menu Outline

This section explains the menu navigation for your phone. It also includes an outline of all the available menus associated with your phone.

# Menu Navigation

Your phone offers a range of functions that allow you to tailor it to your needs. These functions are arranged in menus and sub-menus.

There are two ways for accessing a menu function.

1. Navigating through the list.
2. Entering the shortcut number of the menu option.

## Navigating through the List

1. In Idle mode, press the **Menu** soft key to access the main menus.
2. Scroll using the Navigation keys to reach a main menu, **Settings** for example. Press the key to select the menu.
3. You can access them by scrolling using the **Up** and **Down Navigation** key and pressing the **Select** soft key or the key.
   If the menu that you have selected contains further options, repeat this step.
4. Select an option and press the **Select** soft key or the key to confirm the chosen setting.

## Using Shortcuts

The menu items, such as menus, sub-menus and options are numbered and can be accessed quickly by using their shortcut numbers. For the main menus, you can access them by pressing the number keys (1 to 0), according to their location.

Simply press the **Menu** soft key and enter the number of the menu you want.

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**Note:** They may not match the menu number on the phone, depending on the services supported by your SIM card.

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For example, accessing the **Language** menu.

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Press the **9** key for **Settings**.
3. Press the **3** key for **Phone Settings**.
4. Press the **2** key for **Language**.
5. Select an option and press the **Select** key or the key to confirm the chosen setting.

## Menu Outline

The following list shows the menu structure and indicates the number assigned to each option and the description of each feature.

### 1. Recent Calls

1.1 Missed Calls

1.2 Calls Received

1.3 Calls Made

1.4 Voice Mail

1.4.1 Connect to Voice Mail

1.4.2 Voice Mail Number

1.5 Delete All

### 1.6 Call Time

1.6.1 Last Call

1.6.2 Total Received

1.6.3 Total Made

1.6.4 Reset Timers

### 1.7 Data Volume

1.7.1 Recent Volume

1.7.2 Total Volume

1.7.3 Reset Volume

### 1.8 Data Call Time

1.8.1 Recent Time

1.8.2 Total Time

1.8.3 Reset Timers

## 2. Messaging

### 2.1 IM

### 2.2 Create New Message

2.2.1 Text Message

2.2.2 Multimedia Message

2.2.3 Email

### 2.3 My Messages

2.3.1 Inbox

2.3.2 Email Inbox

2.3.3 Sent

2.3.4 Outbox

2.3.5 Draft

2.3.6 My Folders

2.4 Templates

2.5 Chat

2.6 Delete All

2.7 Settings

2.7.1 IM

2.7.2 Text Message

2.7.3 Multimedia Message

2.7.4 Email

2.7.5 Push Message

2.7.6 Broadcast*

2.7.7 Predictive Text Mode

2.8 Memory Status

## 3. Games

## 4. Applications

4.1 Alarm

4.1.1 Single Use Alarm

4.1.2 Daily Alarm

4.1.3 Wake-up Call

4.1.4 Remove Alarm

4.1.5 Autopower

4.2 Calendar

4.3 To Do List

4.4 Calculator

4.5 Currency Exchange

4.6 PIM Sync

4.6.1 Start Sync

4.6.2 View Result

4.6.3 Sync Settings

4.6.4 Profile

## 5. MEdia Mall

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5.2 Shop Games

5.3 Shop Graphics

5.4 Shop Multimedia

5.5 Shop Applications

5.6 MEdia Home

## 6. Multimedia

6.1 Camera

6.1.1 Take Photo

6.1.2 Record Video

6.1.3 My Album

6.1.3.1 Photo Album

6.1.3.2 Video Album

6.1.4 Delete All

6.2 Music Zone

6.2.1 Music Player

6.2.2 Music List

6.3 Record Audio

6.3.1 Record

6.3.2 Audio List

6.3.3 Delete All

6.4 Memory Status

## 7. My MEdia

7.1 MEdia Net

7.1.1 MEdia Net Home

7.1.2 Favorites

7.1.3 http://

7.1.4 Settings

7.1.5 Clear Cache

7.2 Audio

7.3 Graphics

7.4 Video

7.5 Delete All

7.6 Memory Status

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8.2 New Entry

8.3 Group Search

8.4 Group Edit

8.5 Speed Dial

8.6 Delete All

8.7 Own Number

8.8 Memory Status

8.9 SDN

## 9. Settings

9.1 Sound Settings

9.1.1 Ring Tone

9.1.2 Ring Volume

9.1.3 Shop Ringtones

9.1.4 Alert Type

9.1.5 Keypad Tone

9.1.6 Message Tone

9.1.7 Slider Tone

9.1.8 Power On/Off

9.1.9 Alerts on Call

9.1.0 Extra Tones

9.2 Display Settings

9.2.1 Wallpaper

9.2.2 Shop Graphics

9.2.3 Menu Style

9.2.4 Back Light

9.2.5 Service Light

9.2.6 Graphic Logo

## 9.3 Phone Settings

9.3.1 Greeting Message

9.3.2 Language

9.3.3 Slide Settings

9.3.4 Short Cut

9.3.5 Extra Settings

9.3.6 TTY Settings

## 9.4 Connection Settings

9.4.1 MEdia Net

9.4.2 Home

9.4.3 Roam

9.4.4 CINGULAR MMS

9.4.5 CINGULAR WV

9.4.6 CINGULAR Email

9.4.7 CINGULAR Syncml

9.4.8 CINGULAR JAVA

9.4.9 Profile 9

9.4.0 Profile 10

## 9.5 Time & Date

9.5.1 Set Time

9.5.2 Set Date

9.5.3 World Time

9.5.4 Time Format

9.5.5 Auto Update

## 9.6 Network Services

9.6.1 Call Forwarding

9.6.2 Call Barring*

9.6.3 Call Waiting

9.6.4 Network Selection*

9.6.5 Caller ID

9.6.6 Closed User Group*

9.6.7 Band Selection

## 9.7 Infrared Activate

9.7.1 With PC

9.7.2 With Other Phone

## 9.8 Security

9.8.1 PIN Check

9.8.2 Change PIN

9.8.3 Phone Lock

9.8.4 Change Password

9.8.5 Privacy

9.8.6 SIM Lock

9.8.7 FDN Mode*

9.8.8 Change PIN2*

9.9 Reset Settings

*** Shows only if supported by your SIM card.**

# Section 5: Entering Text

## Topics Covered





This section outlines how to select the desired text input mode when entering characters into your phone. This section also describes how to use the T9 predictive text entry system to reduce the amount of key strokes associated with entering text.

## Changing the Text Entry Mode

When you are in a field that allows characters to be entered, you will notice the text input mode indicator on the display.

For example, the following screen displays when writing a text message.




1. To select Alphabet mode, press the key until displays.
2. To select Number mode, press the key until displays.
3. To select Symbol mode, press the key until displays.
4. To select T9 mode, press the key until displays.

# Using T9 (Predictive Text) Mode

T9 mode allows you to enter words with only one keystroke per letter. Each key on the keypad has more than one letter; for example, pressing the **5** key can enter **J**, **K,** or **L**. However, T9 mode automatically compares the series of keystrokes you make with an internal linguistic dictionary to determine the most likely work, thus requiring far fewer keystrokes than the traditional Alphabet mode.



## Entering a Word in T9 Mode

1. When you are in T9 mode, start entering a word by pressing the **2** to **9** keys. Press each key only once for each letter.
   For example, to enter “hello” in T9 mode, press the **4,3,5,5,** and **6** keys. The word you are typing appears on the display. It may change with each key that you press.
2. Enter the whole word before editing or deleting the keystrokes.
3. When the word displays correctly, go to step 4.
   If the word doesn’t display correctly, press the **0** key or the **Up** or **Down** key to display alternative word choices for the keys that you have pressed.
   For example, both “Of” and “Me” have the **6** and **3** keys. The phone displays the most commonly used choice first.
4. Insert a space by pressing the **#** key and start entering the next word.

### Adding a New Word into the T9 Dictionary

If you cannot find the word you want, you can add the word in the T9 dictionary for the next use.

1. After pressing the keys corresponding to the word you want to add, press the **0** key or the **Down** Navigation key to display the alternative words.
2. When there are no more alternative words, the display shows **Add** on the bottom line. Press the **Add** soft key.
3. If necessary, clear the word using the key and enter the word you want to add using Alphabet mode. See "Using Alphabet Mode" on page 50.
4. Press the **OK** soft key or the key.
   The word is added to the T9 dictionary and becomes the first word for the associated keypress series.

### Tips for Using T9 Mode

- To enter periods, hyphens, or apostrophes, press the **1** key. T9 mode applies grammar rules to ensure that correct punctuation is used.
- To shift case in T9 mode, use the * key. There are three cases; Initial capital Ab , Capital lock AB , and Lower case ab .
- You can move the cursor by using the **Left** and **Right** keys. To delete letters, press the key. Press and hold the key to clear the display.

## Using Alphabet Mode

Alphabet mode allows you to enter letters by pressing the key labeled with the letter you want. Press the key once, twice, three or four times until it displays.

## Entering a Word in Alphabet Mode

1. Press the key (1 to 0) labeled with the letter you want.
2. Select the other letters in the same way.

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**Note:** When entering the same letter twice or a different letter on the same key, just wait for a few seconds for the cursor to move to the right automatically, and then select the next letter.

---

## Keys

- 1 . , – ? ! @ : ( ) / 1 _
- 2 A B C 2 Ä Å Æ Ç Γ a b c 2 à ä å æ Γ
- 3 D E F 3 É Δ Φ d e f 3 è é Φ
- 4 G H I 4 Θ Ψ g h i 4 ì Ψ
- 5 J K L 5 Λ j k l 5 Λ
- 6 M N O 6 Ñ Ø Ö ö m n o 6 ñ ø ò ö
- 7 P Q R S 7 Π Σ Ξ p q r s 7 ß Σ Ξ
- 8 T U V 8 Ü ü t u v 8 ù ü
- 9 W X Y Z 9 Ω w x y z 9 Ω
- 0+ Space + = < > € £ $ % & ¥ ¤ 0

Section 5

### Tips for Using Alphabet Mode

- To insert a space, press the **#** key.
- To shift case in Alphabet mode, use the ***** key. There are three cases: Capital Lock AB, Lower case ab, and Initial Capital Ab.
- You can move the cursor by using the Navigation keys. To delete letters, press the C key. Press and hold the C key to clear the display.

## Entering Numbers

Number mode enables you to enter numbers into text. Press the keys corresponding to the digits you want to enter.

## Entering Symbols

Symbol mode enables you to insert symbols and punctuation marks into text.

1. To select a symbol, press the **corresponding number** key.
2. To display more symbols, press the **Up** and **Down** Navigation key.
3. To clear the symbol(s), press the C key. When the input field is empty, this key returns the display to the previous mode.
4. To insert the symbol(s) into your message, press the **OK** soft key or the ✕ key.

# Section 6: Understanding Your Address Book

## Topics Covered

- Adding a New Address Book Entry
- Dialing a Number from the Address Book
- Speed Dialing
- Finding a Address Book Entry
- Editing an Existing Address Book Entry
- Deleting an Address Book Entry
- Checking the Memory Status

This section allows you to manage your daily contacts by storing their name and number in your Address Book. Address Book entries can be sorted by name, entry, or group.

# Adding a New Address Book Entry

There are Three ways to store a number:

- Using the **Save** soft key or the key in the Idle mode
- Using the **New Entry** option in the **Address Book** menu
- Using the **Names** option

## Storing a Number in Idle Mode

1. Enter the number you want to store.

**Note:** If you make a mistake while entering a number, correct it using the key.

2. When you are sure that it is correct, press the **Save** soft key or the key.
3. Select an icon to identify the category in which the number is to be stored. To select the category, press the **Left** or **Right** Navigation key and press the **Select** soft key or the key.

   Three categories are available:

   - : Mobile phone number
   - : Office number
   - : Home number
4. Select a memory location, either **SIM Memory** or **Phone Memory**.

**Note:** When you change phones, any numbers stored in your SIM card memory are automatically available with the new phone, whereas any numbers stored in the phone's memory will need to be re-entered.

5. Enter a name. For further details about how to enter characters, see "Section 5: Entering Text" on page 47. To add the number to an existing name, select the one you want from the list.
6. Press the **OK** soft key or key to store the name and number.
   After storing, the phone displays the phone number and name you just stored.
7. To dial the number, press the key or the key.
8. To use the entry options, press the **Options** soft key. For further details.
9. To rerun to the Idle screen, press the .

## Storing a Number Using the New Entry Option

1. In Idle mode, press the **Names** soft key. you can also press the **Menu** soft key to access the Menu mode and select **Address Book**.
2. Select **New Entry**.
3. Select an icon to identify the category of the number to be stored by pressing the **Left** or **Right** Navigation key, and press the **Select** soft key or the key.

**Note:** The Email Icon is available in this step. It allows you to save an Email address instead of a phone number.

4. Select a memory location, either **SIM Memory** or **Phone Memory**.

**Note:** When you are saving an Email address, SIM Memory is not available.

5. Enter a name and press the **OK** soft key.
   For further details about how to enter characters, see "Section 5: Entering Text" on page 47.
   To add the number to an existing name, select the one you want from the list.
6. Enter the number or address you want to store and press the **Save** soft key or the key.
7. After storing, the phone displays the phone number and name you just stored.

### Storing Your Phone Number

To store your own phone number(s), use the following steps:

1. In Idle mode, press the **Names** soft key. You can also press the **Menu** soft key to access Menu mode and select **Address Book**.
2. Select **Own Number** and select the location in which you want to store a number.
3. Press the **Edit** soft key or the key.
4. Enter a name for the number and press the **OK** soft key or the key.



## Dialing a Number from the Address Book

Once you have stored phone numbers in the Address Book, you can dial them easily and quickly by using the location numbers that were assigned to them in the Address Book in the order they were saved.

**Note:** If you cannot remember a location number, you must go into the **Search** option in the **Address Book** menu to search for the entry by name.

## Dialing a Number from the SIM Card

1. In Idle mode, enter the location number for the phone number you want to dial and press the **#** key.
   The list of the entries in the SIM card appears, with the desired number highlighted.
2. You can press the **Up** or **Down** Navigation key to find other numbers on that list.
3. Press the **Dial** soft key or the when you have selected the number you want.

## Dialing a Number from the Phone's Memory

1. In Idle mode, press and hold the **0** key. A + appears.
2. Enter the location number of the phone number you want and press the **#** key.
   The list of entries in the phone's memory appears, with the desired number highlighted.
3. You can press the **Up** or **Down** Navigation key to find other numbers on the list.
4. Press the **Dial** soft key or the key when you have selected the number you want.

## Speed Dialing

You can assign up to 8 phone numbers from the Address Book that you use frequently to the number keys (**2** to **9**). You can then dial them easily whenever you want, simply by pressing and holding the associated number key.

### Setting up Speed Dial Entries

1. In Idle mode, press the **Names** soft key. You can also press the **Menu** soft key to access Menu mode and select the **Address Book**.
2. Select **Speed Dial.**
3. Select the key to which you wish to assign the speed dialing number, from the **2** to **9** keys.
   If you have already assigned a number to the key, the **Options** soft key replaces the **OK** soft key.

---

**Note:** Memory location 1 is reserved for your Voice Mail server number.

---

4. Highlight a name from the Address Book list and press the **Select** soft key.
5. Select a number, if the name has more than one.
   The speed dial setting is saved.
6. When you have finished, press the key.

### Editing the Speed Dial List

You can edit the speed dial list by changing the number assignment to a key or deleting all of the entries on the speed dial list.

## Changing a Number Assigned to a Key

1. In Idle mode, press the **Names** soft key. you can also press the **Menu** soft key to access Menu mode and select **Address Book**.
2. Select **Speed Dial** and select the key you want to change.
3. Press the **Options** soft key or the key and select **Change**.
4. Select a number to assign as you would set up the list.
5. When you have finished, press the key.

## Deleting Speed Dial Entries

1. In Idle mode, press the **Names** soft key. You can also press the **Menu** soft key to access Menu mode and select **Address Book**.
2. Select **Speed Dial** then select the number assigned key you want to delete.
3. Press the **Options** soft key or the key and select **Delete**.
   If you want to delete all of the speed dial settings, select **Delete All**.
4. Press the **Yes** soft key to confirm the deletion.
5. When you have finished, press the key.

# Finding an Entry in Address Book

After storing numbers in the Address Book, you can search for them in two ways; by name and by caller group.

## Finding a Number by Name

1. In Idle mode, press the **Names** soft key. You can also press the **Menu** soft key to access menu mode and select **Address Book**.
2. Select **Search**. You are asked to enter a name.
3. Enter the first few letters of the name that you want to find.
   The Address Book entries are listed, highlighting the entry that most closely matches your input.
4. To view the highlighted entry, press the **Select** soft key or the key.
5. To select a different entry, press the **Up** or **Down** Navigation key until the entry you want highlights.
6. To look for a name starting with a different letter, press the key labeled with the letter you want.
7. Once you have found the entry, press the key or the key to dial the number.
   Alternatively, press the **Options** soft key to access the Address Book entry options.

## Using Address Book Entry Options

While accessing any Address Book entry, press the **Options** soft key to access the options for the entry. The following options are available:

**Edit:** allows you to edit the name and / or number
**One Entry**: to change the name and / or phone number for the selected entry. If you change the name, the number is saved separately with the new name.
**All Entry**: to change only the name of the entry.

**Send Message:** launches the Create New Message Screen. You may create and send a text message or multimedia message for the selected number.

**Multimedia Caller ID:** allows you to assign a particular caller ring tone and caller image to be played and displayed when you receive a call from the selected number.

**Graphic**: allows you to select from the following options:

- Take Photo: allows you to launch the camera and take a new photo.
- Photo Album: allows you to choose from photos stored in the Photo Album.
- Downloads: allows you to choose from the graphics you have downloaded.
- View: if you choose to take a photo during this step, this option becomes enabled for you to view and save or delete.

**Audio**: allows you to select a ring tone from the **Default**, **Downloads**, or **Listen** option.

**Delete Caller ID**: allows you to cancel the Caller ID settings for the number. Choose from **All Caller ID, Picture Caller ID,** and **Audio Caller ID.**

**Paste:** allows you to paste the number into the normal dialing mode. Use this option to dial a number similar to one in the Address Book, such as a different extension in the same office.
Use the key to change the number as required. When you are ready to dial, press the key.

**Delete:** allows you to delete the name and number for the chosen number. You are asked to confirm that you wish to delete the name and number by pressing the **Yes** soft key or the key.

**Copy:** allows you to copy the number to another location. You can select the memory location, either SIM or Phone, and the location number.

**Caller Group:** allows you to organize your Address Book entries in caller groups so that the phone alerts you in a specific way when a person from one of your groups calls you. Select one of the 10 groups available.
To remove an entry from a group, select the **No Group** option.

**Add Entry:** allows you to add a new number to the currently selected name.

**Send via Infrared:** allows you to send the selected data or all data in the name via an Infrared connection.

## Finding a Number by Caller Group

1. In Idle mode, press the **Names** soft key. you can also press the **Menu** soft key to access Menu mode and select **Address Book**.
2. Select **Group Search**. you are asked to enter a group name.

3. Enter the first few letters of the group name that you want to find.
   The caller groups are listed, starting with the group that most closely matches your input.
4. If necessary, scroll to a group by pressing the **Up** or **Down** Navigation key and press the **Select** soft key or the key.
   The Address Book entries in the caller group are listed.
5. To view the highlighted entry, press the **View** soft key or the key.
6. To select a different entry, press the **Up** or **Down** Navigation key until the entry you want highlights.
7. Once you have found the entry, press the key or the key to dial the number.
   Alternatively, press the **Options** soft key to access the Address Book entry options.

## Editing a Caller Group

1. In Idle mode, press the **Names** soft key. you can also press the **Menu** soft key to access Menu mode and select **Address Book**.
2. Select **Group Edit**. Highlight the group you want and press the **Options** soft key or the key.
3. Select each option and change the settings accordingly. The following options are available:
   - Call Ring Tone: allows you to set a ring tone to be used when you receive a voice call from a member of that group.
   - SMS Tone: allows you to set a ring tone to be used when you receive a message from a member of that group.

- Graphic: allows you to set a graphic icon to be displayed when you receive a voice call from the member of that group.
- Group Name: allows you to assign a name to the group.

4. When you have finished, press the key.

# Deleting Address Book Entries

You can delete entries in the Address Book one by one, or all of the entries in the selected memory or both memories.

## Deleting an Address Book Entry

1. In Idle mode, press the **Names** soft key. You can also press the **Menu** soft key to access Menu mode and select **Address Book**.
2. Select **Search** and then select a name. Press **Select** or key to select a number if the name has more than one number.Press the **Options** soft key and then the **Delete** key.
3. Press the **Yes** soft key to confirm the deletion.
4. When you have finished, press the key.



## Deleting all Entries

1. In Idle mode, press the **Names** soft key. you can also press the **Menu** soft key to access Menu mode and select **Address Book**.
2. Select **Delete All**.
3. To place a check mark by the memory you want to empty, **All, SIM Memory ,** or **Phone Memory**, press the key or the key

4. When you have finished marking, press the **Delete** soft key to delete the entries in the selected memory location(s).
5. Enter the phone password and press the **OK** soft key or the key.

**Note:** The password is preset to “00000000” at the factory. To change this password, see "Change Password" on page 121.

6. When a confirmation message appears, press the **Yes** soft key or the key.
   To cancel the deletion, press the **No** soft key.
7. When you have finished, press the key.

## Checking the Memory Status

You can check how many names and numbers are stored in the Address Book, in both the SIM and the phone’s memories. You can also see the capacity of both memories.

1. In Idle mode, press the **Names** soft key. You can also press the **Menu** soft key to access Menu mode and select **Address Book**.
2. Press the **Up** or **Down** Navigation key to highlight **Memory Status**. Press the key.
   A pop-up box shows the number of entries saved and available on the SIM card and to your Phone Book.
3. When you have finished, press the key.

Section 6

# Section 7: Messaging

## Topics Covered



This section allows you to send or receive different types of messages. It also includes the features and functionality associated with messaging.

## Using Instant Messenger

Instant Messenger (IM) is a way of sending short, simple messages that are delivered immediately to users online at the moment.

Before using this feature, you need to subscribe to a messenger service. For further details, contact our service provider.

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**Note:** Your phone is set to use your service provider's messenger service by default. You can change the configurations for Instant Messenger, such as the default community or auto sign on.

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### Start Your AOL Instant Messenger Service (AIM ®)

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **Messaging** and then highlight **IM** and press the key.
3. Select **Sign On** and press the **Select** soft key or the key.
4. Enter your ScreenName in the **EnterScreenName** field and your Password in the **EnterPassword** field and press the **OK** soft key.

---

**Note:** Use the Down Navigation key to the **Auto-Sign On** option and press the . Press the **OK** soft key to continue.

---

5. Press the **Options** soft key and select **Buddy List**. The subscribers of the messenger service displays.
6. Select the person you want to talk to.

7. Start the conversation with the person as you would on a normal messenger for a PC.
8. When you want to end the conversation, press the **Options** soft key and select **Sign Off**.

## Buddy List Group

The first time you sign on to AIM from your phone, a special Buddy List group is created. When you sign back on to AIM from your computer, this list appears as a new group called Mobile Device. You can manage this list using your PC or your phone.

## Viewing the Conversation Log

You can view the log of your conversations in the Instant messenger Conversation log.

Online or offline, press the **Options** soft key and select **Conversation Log.**

## Send an Instant Message

1. From the AIM main menu, scroll to and select **Buddy List**.
2. Use the navigation keys to highlight a buddy and press the **Select** soft key or key.

   The following information is listed:

   - Send IM: This option launches the IM screen for you to begin entering text.
   - Buddy info: This option provides information about the buddy you have selected. It displays their status, screen name, and client type.

- Set Alert: This option sets an alert for the buddy when they have activity on their session. To release the alert, highlight release alert and press the Select soft key.
- Block IMs: This option blocks any messages from the buddy you have selected.
- Add Buddy: This option allows you to add another AIM user to the conversation.
- Delete buddy: This option deletes the selected buddy from your buddy list.
- Search: This option allows you to search for an AIM user by their Screen name or Email address.

## Menu

The **Menu** screen provides the following options:

Conversations:

This function displays the conversations that you have active. To select and view a conversation, press the **Select** soft key or key.

**Blocked List**: The blocked list shows all buddies that you have blocked from sending you instant messages. The icon displays next to the screen name.

**IM Settings**: The instant message (IM) settings screen gives you the option to save your password so that you do not have to enter it each time you log on. Use the **Up** and **Down** Navigation keys to highlight the option. Press the **Select** soft key or key to save.

**Saved history**: This option provides the ability to save the conversations you've had on your phone.

**Exit**: This option exits you from the AIM Screen but does not log you off the system.

**Sign Off**: This option will sign you off and end all conversations. To sign off, press the **OK** soft key or key. To cancel, press the **Cancel** soft key.

**Status Icons**: The Buddy List displays an icon to the left of each user to show their status. The following table describes what these icons represent.

| | |
|---|---|
| | You have new / unread messages from this user. |
| | Messages from this user are being declined. |
| | This user is online but has turned on their Away Message. |
| | You will be alerted when the user signs on. |
| | This user is online. |
| | This user is not online. |

## ICQ®

You must already have an ICQ Screen name and password to log in. If you don't, you can get one free from **www.icq.com**. Follow these easy steps to log in:

1. Scroll right on the navigation key to highlight the ICQ icon. Press the **Select** soft key or key.
2. Enter your ICQ number and Password. Press the **Connect** soft key. The Contact List screen displays with the My Status option highlighted.
3. Press the **Select** soft key. The following options are displayed.

- My Availability: This option allows you to set your availability to Available, Away, or Invisible. Use the Up or Down navigation keys to highlight an option and press the Select soft key.
- Add user: This option allows you to enter another user's ICQ #.
- Search: This option allows you to search for another user by entering their ICQ # or their Email address.
- Send message to: This option allows you to enter an ICQ # and begin a conversation.
- Blocked List: This option displays the list of members blocked from sending you instant messages.

### Menu

The **Menu** screen provides the following options:

**Conversations**: This function displays the conversations that you have active. To select and view a conversation, press the **Select** soft key or key.

**Blocked List**: The blocked list shows all buddies that you have blocked from instant messages.

**Saved history**: This option provides the ability to save the conversations you've had on your phone.

**Exit**: This option exits you from the ICQ Screen but does not log you off the system.

**Disconnect**: This option will sign you off and end all conversations. To sign off, press the **OK** soft key or key. To cancel, press the **Cancel** soft key.

## Creating and Sending New Messages

This section guides you through the procedure to send various types of messages.

## Creating and Sending a Text message

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **Messaging**. Highlight **Create New Message** and press the **Select** soft key or the key.
3. Highlight **Text Message** and press the **Select** soft key or the key. The **Write New** screen appears.
4. Create your message.
5. When you have finished writing the message, press the **Options** soft key. Choose from the following options:
   - Send to Number: allows you to select from Save and Send or Send Only to the specified number.
   - Send to Email: allows you to Save and Send or Send only to the specified Email address.
   - Insert: allows you to add a message text in the Templates folder, an entry in Address Book, or a URL address in the Favorites folder.
   - Add Media: allows you to add one from various default media items, such as sounds, pictures, and animated images.  By selecting Attach, you can add one of entries in Address Book (vCard) and memos in Calendar (vCalendar).
   - Attach: allows you to attach one of your Address Book entries, memos stored on your calendar, photos, videos, pictures, or sounds..
   - Save Message To: save the message in the Draft  or My Foder.
   - Language Select: allows you to change the language to be used in T9 input mode.
   - Text Style: allows you to format the style of the text.

6. Select **Send Only** to send the message. Continue to the next step.
   Alternatively, select **Save Message to** to save the message in the **Draft** or to **My Folder**. After saving the message, the display returns to the Messaging menu list.
7. Enter a destination number. If you want to send the message to multiple destinations, press the **OK** soft key after entering a number and repeat this step.
8. When you have finished entering destination numbers, press the key or the key.
9. Press the **Yes** soft key or the key to confirm sending. The message is sent.
10. Complete the message, and send or save it by following the procedure from "Create your message." on page 73.

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**Note:** When you write a text message, the phone automatically splits it into several messages if your message exceeds the maximum number of characters allowed for sending. The number of split messages to be sent is shown each time your message is split. Depending on your service provider, the maximum number of characters may vary.

---

## Creating and Sending a Multimedia Message

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **Messaging**. Highlight **Create New Message** and press the **Select** soft key or the key.
3. Highlight **Multimedia Message** and press the **Select** soft key or the key.

4. When **Add Here** highlights, press the **Options** soft key and add the message contents using one of the following options:
   - Add Text: enter the message text and press the key. While entering text, you can add a message template or an entry in Address Book, or change the input language by pressing the Options soft key.
   - Add Graphic: allows you to add a photo you took using the camera on your phone. Select Take Photo to take a new photo, or Photo Album to add one of the photos stored in the phone's memory, or Downloads to add one of the graphics stored in your graphics folder. For further details about using the camera, see "Using the Camera" on page 126.
   - Add Video: allows you to add a video you took using the camera on your phone. Select Record Video to take a new video, or Video Album to add one of the video's stored in the phone's memory, or Downloads to add one of the videos stored in your video folder. For further details about using the camera, see "Using the Camera" on page 126.
   - Add Audio: allows you to add a sound file. Select Record Audio to record a new voice memo or Audio List to add one of the voice memos or sound clips stored in the phone's memory. For further details about recording a voice memo, see "Using Record Audio" on page 141. You can add Downloaded sounds if they are in correct format and your service provider supports them.
   - Add Subject: allows you to enter text for the subject.
   - Send: allows you to send the message.
   - Save to: saves the message to Draft or My Folder.

**Note:** Before a message can be saved to My Folder, the folder must be created. See ‘Creating a Message Folder” on page 87.

- Settings: allows you to change the message settings. For further details about each setting option, see "Using Message Options" on page 84. After changing the settings, press the soft key or the key to go back to the message screen.
- Add Destination: allows you to enter destination numbers or addresses. After adding them, press the key or the key to go back to the message screen.
- Preview: shows the message you created.

**Note:** You can add text, an image, and a sound only once for each page.

5. Repeat step 4 until you have finished creating your message.
6. If you want to change the added items, scroll to the one you want and press the **Options** soft key or key.

**Note:** Available options are different, depending on whether the item you select on the message screen is text, an image, a sound, or the Page field.

The following options are available:

- Add Page: allows you to add more pages. After you add a page, the display shows you the current page number and the memory space used for the page. You can move to each page using the **Left** or **Right** Navigation key on the message screen.
- Delete: deletes the item from your message.
- Duration: allows you to set when and how long text, and image, a sound, or a page displays on the message presentation screen. If the duration you set is shorter than the content

duration (for example, the length of sound clip) for a particular page, the content duration is automatically decreased.

- Send: allows you to send the message.
- Save to: save the message in the Draft or My Folder.
- Settings: allows you to change the message settings.
- Add Destination: allows you to enter destination addresses.
- Preview: shows the message you created.

7. When you have finished creating the message, press the **Options** soft key or the key and choose **Send.**
8. Select a destination type, **To, Cc,** or **Bcc.**
9. Choose one of the following options:
   - Phone Number: allows you to enter the phone number you want.
   - Email Address: allows you to enter the Email address of the recipient.
   - Phone Book: allows you to retrieve a number from your Address Book.
10. Enter a number or an Email address, or select a number from the Address Book.
11. When the correct number or address displays, press the **OK** soft key or the key.
12. To add a destination, select **Add Destination** and repeat from step 9.
    If you want to edit the destinations, select the one you want. You can change or delete it.

13. To enter additional numbers or addresses to the other destination types, press the key or the soft key and repeat steps 8 through 12.
    You can enter up to 10 destination search to **To**, **CC**, and **Bcc**.
14. When you have finished entering the destinations, select **Send Message**. Your phone sends the message.

## Creating and Sending an Email

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **Messaging**. Highlight **Create New Message** and press the **Select** soft key or the key.
3. Highlight **Email** and press the **Select** soft key or the key.
4. Enter the subject of your Email and press the **OK** soft key or the key.
5. Enter the Email text and press the **Options** soft key or the key.
   The following options are available:
   - Add Attachments: allows you to attach one of your Address Book entries, memos stored on your calendar, photos, videos, pictures, or sounds.
     After selecting the file type you want to add, choose an item from the list. You can add up to 9 items. After adding, press the soft key or the key to go back to the Email screen.
     If you want to remove an attached item, select Attachment View soft key and then the Discard soft key.

- Insert: allows you to add a message text from the Text Templates folder, an entry in Address Book, or a URL address in the Favorites folder.
- Language: allows you to change the language to be used in T9 input mode.
- Send Only: sends the Email.
- Save and send: saves the Email to the Draft folder and also sends it to the recipient.
- Save to: saves the Email to the Draft or to My folder.
- Add Destination: allows you to add destination addresses. After adding, press the soft key or key to go back to the Email screen.
- Properties: shows the Email subject, the list of the recipients you added, if any, and message text.

6. Select a destination type **To**, **Cc**, or **Bcc**.
7. Choose one of the following options:
   - Direct Enter: allows you to directly enter the Email address you want.
   - Phone Book: allows you to retrieve an Email address from your Address Book.
   - History: displays a list of Email addresses used in previous Emails sent.
8. Enter an Email address or select one from Phone Book.
9. To add more addresses, select **To**, **Cc**, or **Bcc**.
10. When there is an Email address already entered in the selected destination type, select **Add Destination.** If required, repeat steps 7 and 8.
11. When you are finished adding the destinations, select one of the following options

- Send Only: sends the Email.
- Save and send: saves the Email to the Draft folder and also sends it to the recipient.
- Save to: saves the Email to the Draft or to My folder.

Your phone sends the Email.

## Using Message Templates

Your phone has message templates to allow you to retrieve them when creating a message. You can change the templates as your preferences or send a message immediately.

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **Messaging**. Highlight **Templates** and press the **Select** soft key or the key.
3. Select a template and press the **Options** soft key to access the following options:
   - Edit: allows you to change the template.
   - Send Message: allows you to send an SMS message using the template.
   - Delete: deletes the template.
   - Add New: allows you to add a frequently used message to the template list.
4. When you have finished, press the key.

# Retrieving New Messages

While text messages from other phones are delivered directly to your phone, Multimedia messages and Emails will be stored in the Inbox of the message server and the server will alert you to new messages. Therefore you need to retrieve new messages to your phone and read them on the phone.

## Retrieving an Multimedia Message

When a new Multimedia message comes in, the display shows the Multimedia Message icon ( ) and a text notification along with the sender's number.

1. Press the **View** soft key or the key to view brief information about the message, such as the sender's number, the message size, and the subject.
   If you want to view the message later in the Inbox, press the **Exit** soft key.
2. Press the **Options** soft key or the key to access the following options:
   - Retrieve: retrieves the message from the Multimedia server.
   - Delete: deletes the message.
   - More Properties: shows you detailed information about the message.
3. Select **Retrieve**.
   Your phone retrieves the message contents from the server and displays it.
4. To scroll through the message, press the **Up** or **Down** key.
5. When you have finished, press the key.

### Retrieving an Email

When a new Email comes in, the display shows the Email icon ( ) and a text notification.

1. Press the **View** soft key or the key to view Email information.
2. Press the **Options** soft key and select **Retrieve**.
   Your phone retrieves the new Emails from the server and displays them on the Inbox list.
3. To read an Email, select it on the list. for details, see "Creating and Sending an Email" on page 78.
4. When you have finished, press the key.

## Viewing Messages

The My Messages screen provides you with 6 message folders:

- Inbox: stores incoming SMS, Multimedia, CB, and WAP message
- Email Inbox: stores incoming Emails.
- Sent: stores the messages your phone successfully have sent.
- Outbox: stores the messages and Emails your phone is attempting to send temporarily.
- Draft: stores the messages and Emails you have saved without sending or tried to send.
- My Folders: allows you to create a folder that is used to store messages. You can create up to 5 message folders to manage your messages and Emails.

## Viewing a Message

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **Messaging**. Highlight **My Messages** and select **Inbox**. The message list opens.

   The icons on the left of the number indicates the message type

   -  : indicates SMS
   -  : indicates Multimedia
   -  : indicates Email

   The icons on the right of the message subject indicate the memory location and the lock status.

   From the message list, you can access the following options by pressing the **Options** soft key.

   - View: opens the currently selected message.
   - Delete: deletes the currently selected message or all messages in the Inbox.
   - Move to Myfolder: allows you to move the message to one of the folders you have defined.
   - Sort by: allows you to sort messages by predefined criterias.
   - Protection: locks the message to keep it from being deleted or unlocks the message.
3. Select a message on the list. The message content displays.

   For an Multimedia message, the display presents the message and then switches to the message view screen.

4. Press the **Up** or **Down** key to scroll through the message screen. For an Multimedia message, press the **Left** or **Down** key to scroll to other pages, if the message has more than one message.

   You can access the message options by pressing the **Options** soft key.

5. Press the * or # key to scroll to the previous or next message.

6. When you have finished, press the key.

## Using Message Options

While viewing content of a message, press the **Options** soft key to access the following options:

### Options for SMS Messages

**Reply**: allows you to reply to the message.

**Forward**: allows you to forward the message to other Email addresses or phone numbers.

**Delete**: deletes the message.

**Callback**: allows you to call the phone numbers from the message text.

**Move to Myfolder**: allows you to move the message to one of the folders you have defined.

**Move to Phone/SIM**: moves the message to the phone’s memory or SIM card.

**Save Address**: allows you to save the recipient or sender’s number and URL, Email addresses or phone numbers from the message text.

**Save Media/Attach**: allows you to save media items, such as sounds or images, from the message into your phone's memory. You can then use the items when writing a message.

**Protection**: allows you to lock the message keeping it from being deleted or unlocks the message.

## Options for Multimedia Messages

**Reply**: allows you to reply to the message.

**Reply All**: allows you to reply to all the recipients of the message.

**Forward**: allows you to forward the message to other Email addresses or phone numbers.

**Delete**: deletes the message.

**Callback**: allows you to call the phone numbers from the message text.

**Move to Myfolder**: allows you to move the message to one of the folders you have defined.

**Move to Phone/SIM**: moves the message to the phone's memory or SIM card.

**Save Address**: allows you to save the recipient or sender's number and URL, Email addresses or phone numbers from the message text.

**Save Contents**: allows you to save media items, such as pictures, video or sounds, from the message into your phone's memory. You can then use the items when writing a message.

**Properties**: displays detailed information about the message, such has the subject, the sender of the message, and the message size.

**Protection**: allows you to lock the message keeping it from being deleted or unlocks the message.

### Options for Email Messages

**Reply**: allows you to reply to the message.

**Forward**: allows you to forward the message to other Email addresses or phone numbers.

**Delete**: deletes the message.

**Callback**: allows you to call the phone numbers from the message text.

**Move to Myfolder**: allows you to move the message to one of the folders you have defined.

**Move to Phone/SIM**: moves the message to the phone's memory or SIM card.

**Save Address**: allows you to save the recipient or sender's number and URL, Email addresses or phone numbers from the message text.

**Save Media/Attach**: allows you to save media items, such as sounds or images, from the message into your phone's memory. You can then use the items when writing a message.

**Protection**: allows you to lock the message keeping it from being deleted or unlocks the message.

## Managing Your Own Message Folders

You can create up to 5 message folders to store messages separately from the default message folders.

### Creating a Message Folder

1. From the message folder list, press the **Options** soft key.
2. Select **Create Folder**.
3. Enter a folder name and press the **OK** soft key or the ✕ key.
4. When you have finished, press the key.

### Moving a Message to a Folder

1. From any message list, select the message you want to move and press the **Options** soft key.
2. Select **Move to Myfolder**.
3. Select one of the folders you have defined. The message is moved to the folder.
4. When you have finished, press the key.

### Renaming a Message Folder

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **Messaging**. Highlight **My Messages** and select the **My Folders**. The message list opens.
3. Scroll to the folder you want and press the **Options** soft key and select **Rename Folder**.
4. Clear the current name and enter a new name.
5. Press the **OK** soft key or the ✕ key.
6. When you have finished, press the key.

### Deleting a Message Folder

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **Messaging**. Highlight **My Messages** and select the **My Folders**. The message list opens.
3. Scroll to the folder you want to delete.
4. Press the **Options** soft key and select **Delete Folder**.
5. Press the **Yes** soft key or the key to confirm the deletion.
6. When you have finished, press the key.

## Delete All

You can delete the messages in each message folder one by one or all at one time. You can also delete all of your messages at one time.

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **Messaging**. Highlight **Delete All** and press the **Select** soft key or the key.
3. Select the message folder you want to empty.
4. Scroll to the message you want to delete and place a check mark by pressing the key. Repeat this step to select more messages.
   To delete all of the messages in the folder, select **All Messages**.
5. Press the **Delete** soft key.

6. Press the **Yes** soft key or the key to confirm the deletion.
7. When you have finished, press the key.

## Settings

You can set up various options for using messaging services.

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **Messaging** and highlight **Settings**. Press the **Select** soft key or the key.
3. Select the type of messages for which you want to change. Press the **Select** soft key or the key.

### IM

The following options are available:

**Default Community**: allows you to select the community you ant to join by default.

**Profile**: allows you to choose the profile information required to access the instant message utility.

### Text Message

The following options are available:

**Sending Profile**: allows you to set the options for sending text messages. Choose from the following options:

- SMS Settings
- Email Settings
- Empty

**Reply Path**: allows the recipient of your message to send you a reply through your message center, if your network supports this service.

**Delivery Report**: allows you to activate or deactivate the report function. When this function is activated, the network informs you whether or not your message has been delivered.

**Bearer Selection**: allows you to select either GSM or GPRS, depending on your network.

**Preferred Memory**: allows you to select a default memory where your outgoing or incoming messages are stored. Choose from **In Card** or **In Phone**.

### Multimedia Message

The following options are available:

**Delivery Report**: when this option is enabled, the network informs you whether or not your message has been delivered.

**Read Reply**: when this option is enabled, your phone sends a request for a reply along with your message to the recipient.

**Auto Download**: you can set whether or not your phone retrieves new incoming messages from the Multimedia server without notifications.

**Off:** you need to manually download new messages by using the **Retrieve** option.

**On**: the phone automatically retrieves new messages from the server. As soon as you receive a message you can use more options while you are reading.

**Message Acceptance**: you can specify the category of messages you want to receive.

**Expiry Date**: you can select the length of time your messages are stored in the message center after they are sent.

**Delivery Time**: you can set a time delay before the phone sends your messages.

**Priority**: you can select the priority level of your messages.

**Report Allowed**: when this option is enabled, the sender of an incoming message receives a delivery report from the network.

**Page Duration**: you can set the length of time one page of an outgoing message displays on the message presentation screen. After a specified time, the display automatically scrolls to the next page.

**Profile**: you can select a connection profile to be sued for sending and receiving Multimedia messages.

## Email

The following options are available:

**Account**: You can configure up to 5 Email accounts using different service providers. The last account you accessed is automatically activated for sending or receiving Email messages.

For each account, the following options are available:

- Account Name: enter a name for the current account.
- Display Name: enter the name to be displayed in your outgoing messages as the sender name.
- Email Address: enter your Email address.
- Protocol Type: specify an Email protocol type for the incoming server, either POP3 or IMAP4. Contact your Email service provider for more information.

**Note:** For the IMAP4 protocol, you can set whether or not the phone retrieves Emails with attachments. You can also select the number of Email headers you want to retrieve.

- Incoming Server: enter the IP address or domain name of the server to be used for receiving messages. Your Email service provider can give you this information.
- User ID: enter your Email ID.
- Password: enter your Email password.
- Outgoing Server: enter the IP address or domain name of the server to be used for sending messages. Your Email service provider can give you this information.
- Use SMTP Auth.: specify a protocol type for the server used.
- Reply-to Address: enter the reply to address for Email address.

Polling Interval: you can select how often the phone checks the server for incoming messages.

Signature: you can attach your name, phone number, simple memo or tag line as a signature to your Email.

Send Copy to Self: you can set whether or not your phone sends a copy of the outgoing Email to your Email address.

Delivery Report: you can activate or deactivate the report function. When this function is activated, the network informs you whether or not your Email has been delivered.

Read Reply: you can set whether or not your phone sends a request for a reply along with your message to the recipient.

Download Method: you can choose the display of the Email message. You can select Header Only or Normal.

Keep on Server: you can set whether or not your Emails are deleted from the server after retrieval.

Block Email: you can set up the mail filter to block spam mails. You can enter Email address or subject.

Profile: you can select a connection profile to be used for sending and receiving Emails.

### Push Message

The following options are available:

**Receive**: you can select whether the phone receive or reject push-messages from the WAP server. Choose from **Never**, **Always**, or **Only White List**.

**White List**: allows only user on your contact list to push messages.

### Broadcast

The following options are available:

**Receive**: allows you to enable or disable the reception of broadcast messages.

**Channel List**: allows you to indicate the channels from which you wish to receive broadcast messages. The following options are available:

- Select: use to enable or disable channels on the list by marking or unmarking them, respectively. A check mark displays in front of each selected channel.
- Add Channel: use to enter the ID and title for a new channel.
- Delete: use to remove a channel from the list.
- Edit: use to change the ID and title of an existing channel.

**Language**: allows you to select your preferred language in which to display cell broadcast messages.

Please contact your service provider for further details.

### Predictive Text Mode

The Default T9 mode is allows you to set the default setting for text messages. Select Off to disable the T9 dictionary.

## Memory Status

You can check the memory amount available and remaining for storing the messages.

1. In Idle mode, press the **Menu** soft key to access the Menu mode.
2. Select **Messaging**. Highlight **Memory Status** and press the **Select** soft key or the ✕ key.
3. Select the message type you want.
   For **Text Message**, scroll through the memory. The displays shows the number of messages you have stored

in the memory and the total number of messages you have stored.

For **Multimedia Message**, **Email**, and **Push Message** the displays show the total memory amount, including the amount of memory available and used for storing messages. It also shows the memory amount used for each message folder.

4. When you have finished, press the key.

# Section 8: Changing Your Settings



## Topics Covered



This section explains the menu navigation for your phone. It also includes an outline of all the available menus associated with your phone.

## Sound Settings

You can customize the settings related to various sounds for the phone, such as the call ringer, key tone, power on / off tone, slider tone, and so on.

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **Settings**. Highlight **Sound Settings** and press the **Select** soft key or the key.
3. Select a menu and then change the setting. If the menu has submenus, repeat as necessary.
4. When you have finished, press the key.

### Ring Tone

This menu allows you to select a ring melody. You can choose between many different melodies and tones. If you have downloaded sounds from the internet, you can use them in this menu.

### Ring Volume

This menu allows you to adjust the ring volume to one of 5 levels.

### Shop Ringtones

This menu allows you to access the web site preset by your service provider to download melodies. Once you have downloaded melodies, they are saved in the **Audio** folder.

### Alert Type

This menu allows you to specify how you are to be informed of incoming calls. The following options are available:

**Light Only**: the service light flashes.

**Melody**: the phone rings using the ring melody selected in the **Ring Tone** menu.

**Vibration**: the phone vibrates but does not ring.

**Vibration + Melody**: the phone first vibrates three times and then starts ringing.

## Keypad Tone

This menu allows you to select the tone that the phone sounds when you press a key. To turn off the sound, select **Off**.

## Message Tone

This menu allows you to select how the phone informs you that a new SMS, Multimedia, Email, or Cell Broadcast (CB) message has been received.

For each message tone, the following options are available:

**Tone**: you can select a message tone.

**Mode**: you can select a type of message alert.

- Off: the phone does not use the SMS tone.
- Tone: the phone sounds the selected message tone.
- Vibration: the phone vibrates.
- Light Only: the service light, the backlight of the keys on the top of the phone flashes.

**Repetition**: you can select how often the phone informs you of a new message.

- Once: the phone alerts you to a new message just once at the time of its receipt.

- Periodic: the phone alerts you to a new message every 2 minutes until you open the message.

### Slider Tone

This menu allows you to select the tone that the phone sounds when you open or close the phone. To turn off the sound, select **Off**.

### Power On/Off

This menu allows you to select the melody that the phone sounds when it is switched on and off. To turn off the sound, select **Off**.

### Alerts on Call

The following options are available:

**Off**: the phone doesn’t actively alert you to incoming messages or alarms. It only displays the corresponding notification.

**On**: the phone alerts you with a beep and displays the corresponding notification.

### Extra Tones

You can customize additional tones for the phone.

1. To turn a given tone on, press the **On** soft key or the key. A check mark displays in front of the option.
2. To turn a given tone off, press the **Off** soft key or the key. The check mark no longer displays.

The following options are available:

**Error Tone**: sets whether or not the phone informs you when you have a make a mistake.

**Minute Minder**: sets whether or not the phone beeps every minute during an outgoing call to keep you informed of the length of your call.

**Connect Tone**: sets whether or not the phone beeps when your call is connected to the system.

# Display Settings

To customize the settings for the display use the following steps:

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **Settings** and highlight **Display Settings** and press the **Select** or ✕ key.
3. Select a menu and then change the setting. If the menu has submenus, repeat this step.
   For the details of each menu, see the next sections.
4. When you have finished, press the end key.

## Wallpaper

This menu allows you to change the background image or change the settings for the text display in Idle mode. The following options are available:

**Wallpaper List**: you can select a background image to be displayed on the Idle screen.

1. Highlight **Default** and press the ✕ key.
2. Scroll through the list by pressing the **Up** or **Down** Navigation key.

You have various preset images available. You can also select a blank background or any images downloaded from the Internet or received in messages. Select **Downloads** to set downloaded images.

3. Select the image you want and press the **Select** soft key or the key to display it on the Idle screen.

**Note:** You can scroll to other images by pressing the **Up** or **Down** Navigation key from the image preview screen.

**Text Display**: you can specify whether or not the phone displays the time and date on the Idle screen.

**Text Color**: you can select the color of the text to be displayed on the Idle screen. This option is available when the text display is enabled.

## Shop Graphics

This menu allows you to access the web site preset by your service provider to download images. Once you have downloaded images, they are saved in the **Graphics** folder.

## Menu Style

This menu allows you to select the menu display style. You can choose either **Grid Style**, **Bar Style**, or **Page Style**.

## Back Light

You can select the length of time the backlight is on. The backlight turns on when you press a key, when you open the phone or you receive a call or message, and remains on for the specified length of time.

## Service Light

The keys on the top of the phone light to act as a service light flashing at regular intervals to indicate when service is available on the phone.

This menu allows you to select whether or not the service light is used or in which color it flashes. If you do not want to use the service light, select **Off**.

## Graphic Logo

This menu allows you to display your service provider’s logo instead of its’ name.

**Off**: the service provider’s name displays in the Idle mode.

**On**: the service provider’s logo stored in your phone displays in Idle mode; if no logo has been stored, the service provider’s name displays.

# Phone Settings

To customize the settings for your phone use the following steps:

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **Settings** and highlight **Phone Settings**. Press the **Select** soft key or the key.
3. Select a menu and then change the setting. If the menu has submenus, repeat as necessary.
4. When you have finished, press the key.

## Greeting Message

This menu allows you to set a greeting to be displayed briefly when the phone is switched on.

## Language

You can select a display language. When the language option is set to **Automatic**, the language is automatically selected according to the language of the SIM card used.

**Note:** Depending on your country, service provider, or software version of the phone, the **Automatic** option may not display.

## Slide Settings

The Slide Settings option allows you to change the options for the opening and closing of your phone.

1. Choose **Up** to set the answer option when opening your slider. Select None to disable open slider answer option.
2. Choose **Down** to set disable current option when slider is closed.

## Short Cut

The Navigation keys can be used as shortcut keys. In Idle mode, they allow you to access specific menus directly. To assign a shortcut to a key:

1. From the **Phone Settings** menu, select **Short Cut**.
2. Select the key to be used as a shortcut key.
3. Select the menu to be assigned to the key.

**Note:** To deactivate a shortcut key, select the **None** option.

## Extra Settings

You can turn the automatic redialing or answering features on or off.

1. From the **Phone Settings** menu, Select **Extra Settings**
2. To turn a feature on, press the **On** soft key or the key. A check mark displays in front of the option.
3. To turn a feature off, press the **Off** soft key or the key. The check mark no longer displays.

The following options are available:

**Auto Redial**: when this option is checked, the phone makes up to ten attempts to redial a phone number after an unsuccessful call.

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**Note:** The interval between call attempts varies.

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**Anykey Answer**: when this option is checked, you can answer an incoming call by pressing any key, except the key or the **Reject** soft key. To reject the calls, press the key or the **Reject** soft key.

When this option is unchecked, you must press the key or **Accept** soft key to answer a call.

## TTY Settings*

TTY (also known as a TDD or Text Telephone) is a telecommunications device that allows people who are deaf or hard of hearing, or who have speech or language disabilities, to communicate via a telephone.

Use the following steps to access the TTY settings:

1. In Idle mode, press the **Menu** soft key to access Menu mode.

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**Note:** The TTY option is viewable only when inserting the TTY Adapter.

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2. Select **Settings** and highlight **Phone Settings**. Press the **Select** soft key or the key. Press the **6** key to access this function.
3. Enter 4-T-T-Y or (4889) in the password field and press the **OK** soft key.

The following options are available:

- Enable: CTM is active and TTY is available for use.
- Disable: CTM is not available for use.

For additional technical support you may access the following website or call 1-888-987-4357. http://www.samsungtelecom.com/contact_us/accessibility.asp

## Connection Settings

You can customize the profiles containing the settings for connecting your phone to the network. These settings are used for the WAP browser or Instant Messenger, or sending Multimedia messages or Emails.

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**Note:** Your phone is suited for connecting to the network by default. If you change the Multimedia settings without first checking with your service provider, the WAP, Multimedia and Email features may not work properly.

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1. In Idle mode, press the **Menu** soft key to access Menu

mode.

2. Select **Settings** and highlight **Connection Settings**. Press the **Select** soft key or the key.
3. Select the profile you want to change.
   For each profile, the following options are available:
   - Profile Name: enter a name that you wish to assign to the profile.
   - Homepage URL: enter the address of the WAP homepage of your service provider.
   - Bearer: select the network bearer type for data transmission, either GPRS or DATA.

   **When the bearer is set to GPRS:**

   - Proxy Setting: enter the IP address of the proxy server.
   - User Name: enter the user ID required to connect to the network.
   - Password: enter the password required to connect to the network.
   - APN: enter the access point name used for the address of the network.
   - Proxy Status: activate or deactivate the proxy server.
   - Primary DNS: enter the primary DNS (Domain Name System) address.
   - Secondary DNS: enter the secondary DNS address.

   When the bearer is set to **DATA**:

   - Proxy Setting: enter the IP address of the proxy server.
   - Login Name: enter the user ID required to connect to the network.
   - Password: enter the password required to connect to the network.

- Dial-up Number: enter the access point name used for the address of the network.
- Data Call Type: select the Data Call Type, either Analog or ISDN.
- Proxy Status: activate or deactivate the proxy server.
- Primary DNS: enter the primary DNS (Domain Name System) address.
- Secondary DNS: enter the secondary DNS address.

4. When you have finished, press the key.

## Time & Date

You can change the settings for the time and date display.

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **Settings** and highlight **Time & Date**. Press the **Select** soft key or the key.
3. Select a menu and then change the setting. If the menu has submenus, repeat as necessary.
4. When you have finished, press the key.

### Set Time

You can enter the current time. You can choose the time format in the **Time Format** menu.

**Note:** Before setting the time, you must specify your time zone in the **World Time** menu.

### Set Date

You can enter the month, day, and year.

## World Time

You can find out what time it is another part of world, using the Left and Right Navigation keys.

The screen shows the:

- city name
- current time and date
- time difference between the selected city and your city if you have set your home time zone
- city selected as your time zone

## Selecting the Home Time Zone

1. From the world map, select the city corresponding to your time zone by pressing the **Left** or **Right** Navigation key. The local date and time in the selected city display.
2. Press the **Set** soft key or the key.

## Time Format

You can change the time format to **12 Hours** or **24 Hours**.

## Auto Update

You can receive time information from your service provider's network.

**Off**: you need to manually set the time and date according to the current time zone using the **Set Time** menu.

**On**: the phone automatically updates the time and date according to the current time zone using the network service.

**Confirm First**: the phone asks for a confirmation before the update.

**Note:** Automatic updates of time and date does not change the time you have set for alarm settings or calendar memos.

## Network Services

You can customize the settings for network features, such as call forwarding, call barring, and call waiting.

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **Settings** and highlight **Network Services**. Press the **Select** soft key or the key.
3. Select a menu and then change the setting. If the menu has submenus, repeat as necessary.
4. When you have finished, press the key.

### Call Forwarding

This network service enables incoming calls to be rerouted to the number that you specify.

For example, you may wish to forward your business calls to a colleague while you are on vacation.

1. From the Network Services menu screen, select **Call Forwarding**.
2. Select one of the following call forwarding options.
   - Forward Always: all calls are forwarded
   - Busy: calls are forwarded when you are already on another call
   - No Reply: calls are forwarded when you do not answer the phone.

- Unreachable: calls are forwarded when you are not in an area covered by your service provider or when your phone is switched off.
- Cancel All: all call forwarding options are canceled.

3. Select the type of calls, **Voice Calls** or **Data Calls**. The current status displays. If the option has already been set, the number to which the calls are forwarded displays.
4. Press the **Activate** soft key or the key.

   Enter the number to which the calls are to be forwarded and press the **OK** soft key ore the key.

   To enter an international code, press the 0 key until the + sign displays.
5. If you selected **No Reply** in step 1, select the time delay the network waits before forwarding a call.

   The phone sends your settings to the network and the network's acknowledgement displays.

## Call Barring (SIM dependent)

The call barring network service allows you to restrict your calls. This option is SIM dependent and requires a subscription. For more information, contact your service provider.

### Setting Call Barring Options

1. From the Network Services menu screen, select **Call Barring**.
2. Select one of the following call barring options:
   - All Outgoing: calls cannot be made.

- International: international calls cannot be made.
- International Except to Home: when abroad, calls can be made only to numbers within the current country and to your home country, which is the country where your home network provider is located.
- All Receiving: calls cannot be received.
- Receiving While Abroad: calls cannot be received when you are using your phone outside of your home country.
- Cancel All: all call barring settings are deactivated; calls can be made and received normally.
- Change Barring Password: you can set and change the call barring password obtained from your service provider.

3. Select the type of calls, **Voice Calls** or **Data Calls**.
4. Press the **Activate** soft key or the key.
5. Enter your call barring password supplied by your service provider.

   The phone sends your settings to the network and the network's acknowledgement displays.

## Deactivating Specific Call Barring Settings

1. From the Network Services menu screen, select **Call Barring**.
2. Select the call barring option to be deactivated.
3. Select the type of calls to which this option applies.
4. Press the **Deactivate** soft key or the key.
5. Enter your call barring password supplied by your service provider.

   The phone sends our settings to the network and the network's acknowledgment displays.

### Changing the Barring Password

1. From the Network Services menu screen, select **Call Barring**.
2. Select **Change Barring Password**.
3. Enter the current password and press the **OK** soft key or the key.
4. Enter a new password and press the **OK** soft key or the key.
5. Enter the new password to confirm and press the **OK** soft key or the key.

   The phone sends your settings to the network and the network's acknowledgement displays.

## Call Waiting

This network service informs you when someone is trying to reach you during another call.

You can specify individual call waiting options for voice calls and / or data calls.

### Setting Call Waiting Options

1. From the Network Services menu screen, select **Call Waiting**.
2. Select the type of calls, **Voice Calls** or **Data Calls**.
   The screen informs you whether call waiting is activated or deactivated.

   Press the **Activate** soft key or the key to activate the call waiting feature.
   The phone sends your settings to the network and the network's acknowledgement displays.

### Deactivating Call Waiting Settings

1. From the Network Services menu screen, select **Call Waiting**.
2. Select the type of calls, **Voice Calls** or **Data Calls**.
   The screen informs you whether call waiting is activated or deactivated.
3. Press the **Deactivate** soft key or the key.
   The phone sends your settings to the network and the network's acknowledgement displays.

## Network Selection (SIM Dependent)

The Network Selection feature enables you to automatically or manually select the network used when roaming outside of your home area.

**Note:** You can select a network other than your home network only if there is a valid roaming agreement between the two.

1. From the Network Services menu screen, select **Network Selection**.
2. Select the options you want.

   If you select **Automatic**, you are connected to the first available network when roaming.

   If you select **Manual**, go to step 3.
3. Select the network you want. The phone will scan for that network and you will be connected.

## Caller ID

You can prevent your phone number from being displayed on the phone of the person you are calling.

**Note:** Some networks do not allow you to change this setting.

The following options are available:

**Default**: the default setting provided by the network is used.

**Hide Number**: you number does not display on the other person's phone.

**Send Number**: your number is sent each time you make a call.

## Closed User Group (SIM Dependent)

This network service allows incoming and outgoing calls to be restricted to a selected user group. you can create up to 10 user groups.

For details about how to create and use a closed user group, contact your service provider.

**Example:** A company lends SIM cards to its employees and wants to restrict outgoing calls to members of the same team.

If you select the **Closed User Group** menu, you can enter the CUG function. You can now access the following options:

**Index List**: lets you list, add, or delete CUG index numbers.

If there is no CUG index stored, you are prompted to add a new index when you select this option. Once you have added a CUG index, the list of current CUG indexes appears.

Add a new CUG index as advised by your service provider, or delete a group.

**Outside Access**: lets you enable or disable calls to numbers other than those in the CUG. This feature depends on the nature of your CUG subscription. Please check with your service provider.

**Default Group**: you may set a default CUG with your service provider. If you have done so, you can enable the **Default Group** option on your phone. When making a call, you are give the option of using your default CUG, instead of selecting one from the list.

**Deactivate**: deactivates the CUG function. This menu appears only when the default group is enabled or a CUG index is selected.

### Band Selection

For the phone to make and receive phone calls, it must register with an available network. Your phone can handle any of the following types of networks:

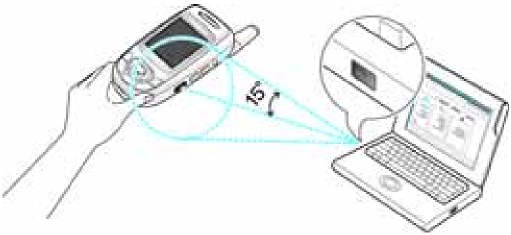
- Combined GSM 850/1900
- GSM 1800

The country where you purchased your phone determines the default band that it uses. When you travel abroad, you must remember to change to an appropriate band.

1. From the Network Services menu screen, select **Band Selection**.
2. Select the appropriate option, and press the **OK** soft key or the key.
3. When the display confirms the network band you selected, press the **Yes** soft key or the key. To cancel the selection, press the **No** soft key.

## Infrared Activate

This feature allows you to send or receive data, such as entries in the Address Book or Calendar memos through the infrared port.



### Connecting with a PC

To use an infrared connection with your computer, you must:

1. Configure and activate an IrDA-compliant infrared port on the computer.
2. Activate the infrared feature on the phone; press the **Menu** soft key and select **Settings**. Highlight **Infrared Activate** and press the **Select** soft key or the key.

3. Select **With PC**. The IrDA icon ( ) appears on the top line of the display.
   - align the infrared port on the phone with the infrared port on the computer.

The connection is ready for data transmission. If there is no communication between your phone and the IrDA-compliant device within 30 seconds of activating the feature, it is automatically deactivated.

## Connecting with Other Phones

To receive Address Book entries and calendar memos from another compliant phone using the infrared connection, you need to activate the infrared port on you phone.

**Note:** If you receive a call while sending or receiving data, you can either answer or reject the call without interrupting the IrDA connection. But, picking up you phone may break the connection between the phones, so use the headset to answer the call.

## Receiving Data from Another Phone

1. Align the infrared ports on both phones with each other.
2. In Idle mode, press the **Menu** soft key and select **Settings**. Highlight **Infrared Activate** and press the **Select** soft key or the key.
3. Select **With Other Phone** and press the **Select** soft key or the key. IrDA is now active.
4. When FDN (Fixed Dial Number) mode is enabled on your phone, enter the PIN2 and press the **OK** soft key.

5. Press the **Save** soft key. The entries are saved.

### Sending Data to Other Devices

To send entries in the Address Book and Calendar, access the appropriate menu:

1. Select an entry and press the **Options** soft key.
2. Select **Send to via Infrared** and press the key. The Infrared port is automatically activated and the entry is sent to another phone.

## Security

The Security feature enables you to restrict to use of your phone by others and to restrict the types of calls.

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **Settings**. Highlight **Security** and press the **Select** soft key or the key.
3. Select a menu and then change the setting. If the menu has submenus, repeat as necessary.
4. When you have finished, press the key.

### PIN Check

When the PIN Check feature is enabled, you must enter your PIN each time you switch on the phone. Consequently, any person does not have your PIN cannot use your phone without your approval.

**Note:** Before disabling the PIN Check feature, you must enter your PIN.

The following options are available:

**Disable**: the phone connects directly to the network when you switch it on.

**Enable**: you must enter the PIN each time the phone is switched on.

### Change PIN

This feature allows you to change your current PIN, provided that the PIN Check feature is enabled. You must enter the current PIN before you can specify a new one.

Once you have entered a new PIN, you are asked to confirm it by entering it again.

### Phone Lock

When the Phone Lock feature is enabled, the phone is locked and you must enter the 4-8 digit phone password each time the phone is switched on.

**Note:** The password is preset to “00000000” at the factory. To change the phone password, see "Change Password" on page 121**.**

Once the correct password has been entered, you can use the phone until you switch it off.

The following options are available:

**Disable**: you are not asked to enter the phone password when you switch on the phone.

**Enable**: you are required to enter the phone password when you switch on the phone.

## Change Password

The Change Password feature allows you to change your current phone password to a new one.You must enter the current phone password before you can specify a new one.

The password is preset to “00000000” at the factory. Once you have entered a new password, you are asked to confirm it by entering it again.

## Privacy

Using this menu, you can lock your media contents, such as Multimedia Messages, voice memos, images, and sounds. Once you have locked the contents, you must enter the phone’s password to access the associated menus.

1. From the Security Menu, press **Privacy**.
2. The following options are available.
   - Disable: deactivates privacy. You can access your media content without using your phone’s password.
   - Enable: activates privacy. Your phone’s password is required to access your media content
3. Press the **Select** soft key.
4. When the phone asks for the password, enter the password and press the **OK** soft key or the key.

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**Note:** This password is preset to “00000000**”** at the factory. To change this password, see "Change Password" on page 121.

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### SIM Lock

When the SIM Lock feature is enabled, your phone only works with the current SIM. You must enter the SIM lock code to unlock the SIM so you can use a different SIM card. Once you have entered the lock code, you are asked to confirm your entry.

### FDN Mode (SIM Dependent)

FDN (Fixed Dial Number) mode, if supported by your SIM card, allows you to restrict your outgoing calls to a limited set of phone numbers.

The following options are available:

**Disable**: you can call any number

**Enable**: you can only call phone numbers stored in the Address Book. You must enter your PIN2.

**Note:** Not all SIM cards have a PIN2. If your SIM card does not, this menu does not display.

### Change PIN2 (SIM Dependent)

The Change PIN2 feature allows you to change your current PIN2 to a new one. You must enter the current PIN2 before you can specify a new one. Once you have entered a new PIN2, you are asked to confirm it by entering it again.

**Note:** Not all SIM cards have a PIN2. If your SIM card does not, this menu does not display.

# Reset Settings

You can easily reset your phone to its' default settings.

1. In Idle mode, press the **Menu** sot key to access Menu mode.
2. Select **Settings**. Highlight **Reset Settings** and press the **Select** soft key or the key.
3. Enter the 4 to 8-digit password and press the **OK** soft key or the key.

**Note:** The password is preset to "00000000". To change this password, see "Change Password" on page 121.

# Section 9: Multimedia

## Topics Covered

- Using the Camera
- Using the Music Zone
- Using the Audio Recorder
- Memory Status

This section explains how to use the multimedia files on your phone. You can take a photo or record a video using the built-in camera, and enjoy MP3 music using the MP3 player application.

## Using the Camera

Using the camera module in your phone, you can take photos of people or events while on the move. Additionally, you can send photos to other people in an Multimedia  message or set a wallpaper or caller ID image.

You can also record videos using your phone as a camcorder.

**Caution:**
Do not take photos of people without their permission.
Do not take photos in places where cameras are not allowed.
Do not take photos in places where you may interfere with another person's privacy.

### Taking Photos

Your camera produces photos in JPEG format.

**Note:** When you take a photo in direct sunlight or in bright conditions, shadows may appear on the photo.

1. In Idle mode, press and hold the [camera] key on the right side of the phone to turn on the camera.
   You can also press the **Menu** soft key to access Menu mode. Highlight **Multimedia** and press the **Select** soft key or press the [OK] key.
2. Select **Camera** then **Take Photo**.

3. Adjust the image by aiming the camera at the subject. Press the soft key to access the camera options. For details, see "Using Camera Options" on page 127.
   You can use the keypad to quickly change the camera options.
4. Press the key or the key to take the photo.
5. Press the **Save** soft key or the key.
   To discard and return to Capture mode, press the **Cancel** soft key.
6. To use the photo options, press the **Options** soft key or the key.

**Note:** To use the photo options you must Save the photo.

7. Press the **Options** soft key and select **Capture Another** to return to Capture mode.
8. To return to Idle mode, press the key.

## Using Camera Options

In Capture mode, you can use various options for the camera by pressing the soft key.

The following options are available:

**Shooting Mode**: allows you to take a photo in various modes. Once you change the mode, the corresponding indicator appears at the top right of the display.

- **Single Shot**: allows you to take a photo in the normal mode.
- **Multi Shot**: allows you to take a series of action stills. Select the capture speed, High Speed or Normal Speed, and the number of photos the camera will take. When you press the

or key, the camera takes photos successively. After taking photos, press the Save All soft key to save all of the photos in a separate folder.

- **Mosaic Shot:** allows you to take 4 or 9 photos and store them as one JPEG file.

**Effects**: allows you to change the color tone or apply special effects to the photo. This option is not activated in the photo size 1280x1024, 1152x864.

**Frames**: allows you to select a decorative frame. Select a frame from the list using the Navigation keys and press the key to save your setting. When activated the photo size is fixed to 176x160.

**Timer**: allows you to set a time delay before the camera takes the photo. Select the length of delay you want. When you press the or key, the camera takes the photo after the specified time.

**Go to My Album**: allows you to go directly to the Photo Album folder. For more options information, see "Photo Album Options" on page 134.

**Settings**: allows you to change the image settings. These settings are saved for subsequent shots.

- **Size**: allows you to set the image size to either 1280x1024, 1152x864, 640x480, 320x240, 176x160, or 160x120. The icon for the selected image size (1280,1152, 640, 320, 176, 160) displays on the capture screen.
- **Quality**: allows you to select the image quality, either Super Fine, Fine, Normal, or Economy. The icon for the selected quality (SF, F, N, or E) displays on the capture screen.
- **Shutter Sound**: allows you to select a tone for the shutter sound.

- **Flash**: allows you to choose the setting for the flash. Choose from **Off**, **Shooting Only**, or **Permanent**.

**Short Cut**: allows you to change options using your keypad in capture mode. The following options are available:

 zooms in or out

 adjust the image brightness

▲ flips the image vertically

▼ shows the mirror image

0 + enables and disables the flash.

1 ∞ switches to Record mode.

2 abc changes the image size.

3 def changes the image quality

4 ghi changes the camera shot mode

5 jkl changes the color tone or applies an effect to the photo.

7 pqrs selects a decorative frame.

8 tuv sets a time delay.

switches the **Photo Album** menu.

switches to full screen.

## Record Video

1. In Idle mode, press the **Menu** soft key to access the Menu mode. Highlight **Multimedia** and press the **Select** soft key or press the key.
2. Select **Camera** and highlight the **Record Video** option. Press the **Select** soft key or the key.
3. Adjust the image by aiming the camera at the subject Press the soft key to access the camera options.
4. Press the or key to start recording.
5. When you have finished recording, press the key. To discard the recording and return to Record mode, press the right soft key.
6. Press the **Save** soft key or the key.
7. To use the video options, press the **Options** soft key.

**Record Another**: launches the video camera option and allows you to take another video.

**Send**: allows you to send the video clip as part of an Multimedia message or Email.

**Rename**: allows you to change the name of the video clips.

**Delete**: allows you to delete the video clip.

**Protection**: allows you to protect the video clip from being deleted.

**Go to My Album**: allows you to go to the Video Album option.

**Properties**: allows the properties of the video clip, such as the file name, file size, the date it was recorded, image size, image quality, and protection status.

8. To return to Record mode, press the **Options** soft key and select **Record Another**.
9. To return to the Idle mode, press the .

## Using the Video Options

In Record mode, you can use various options for the camera by pressing the soft key.

The following options are available:

**Recording Mode**: allows you to select a recording mode. Depending on the selected recording mode, the maximum file size of a video clip you can record differs.

- **Limit for Message**: the phone records video clips for adding them to Multimedia messages. You can record video clips for up to 300 kb depending on available memory.
- **Normal**: the phone records video clips for saving only. You can record video clips for up to 60 minutes depending on available memory.

**Effects**: allows you to change the color tone or apply special effects to the video. This option is only activated when Recording mode is set into Normal.

**Timer**: allows you to set a time delay before the camera starts recording a video. Select the length of delay you want. When you press the [camera key] or [OK key] key. The camera begins recording a video after the specified time.

**Go to My Album**: allows you to go to the **Video Album** menu or **Photo Album**. For more options information, see "Video Album Options" on page 135.

**Settings**: allows you to change the image settings. These settings are saved for subsequent recordings.

- **Size**: allows you to set the image size to either (176x144), (128x96), (352x288), or (320x240). The icon for the selected image size displays on the capture screen.
- **Quality**: allows you to determine image quality.
- **Audio Record**: allows you to mute or unmute audio.
- Flash: allows you to choose the setting for the flash. Choose from Off, Shooting Only, or Permanent.

**Short Cut**: allows you to change options using your keypad in capture mode. The following options are available:

 zooms in or out

 adjust the image brightness

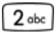
▲ flips the image vertically

▼ shows the mirror image

0 + enables the flash for recording.



switches to Camera mode.



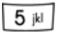
changes the image size.



changes the image quality



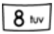
changes the Recording mode



changes the color tone or applies an effect to the video.



mutes the audio during a recording.



sets a time delay.



switches the **Video Album** menu.



switches to full screen.

## My Album

1. In Idle mode press the **Menu** soft key to access the Menu mode.
2. Highlight **Multimedia** and press the **Select** soft key or the key.
3. Highlight **Camera** and press the **Select** soft key or the key.
4. Select **My Album** and choose from **Photo Album** or **Video Album**.
   When you access this menu, your phone displays the photos in Thumbnail mode, which shows them as small images. Use the Navigation keys to scroll through the photos.
5. To view the photos on the full screen, press the left soft key and select **View** or the key. To go back to Thumbnail mode, press the soft key or the key.
6. Press the **Options** soft key to use the following options:

### Photo Album Options

**View**: allows you to change the view the selected photo.

**Display Mode**: allows you to choose the setting for the photo. Choose from List, List with Thumbnail, or Thumbnail.

**Send**: allows you to send the photo as part of an Multimedia message or Email.

**Set as**: allows you to set the photo as your wallpaper or caller ID image for an entry in the Address Book.

**Rename**: allows you to change the name of the photo.

**Delete**: allows you to delete the photo.

**Protection**: allows you to protect the photo from being deleted.

**Properties**: shows the properties of the photo, such as the file name, file size, the date is was taken, image resolution, image quality, and protection status.

### Video Album Options

**Play/List**: allows you to change the view the selected photo.

**Display Mode**: allows you to choose the setting for the photo. Choose from List, List with Thumbnail, or Thumbnail.

**Send**: allows you to send the photo as part of an Multimedia message or Email.

**Rename**: allows you to change the name of the photo.

**Delete**: allows you to delete the photo.

**Protection**: allows you to protect the photo from being deleted.

**Properties**: shows the properties of the photo, such as the file name, file size, the date is was taken, image size, image quality, and protection status.

## Playing Videos

1. In Idle mode press the **Menu** soft key to access the Menu mode.
2. Highlight **Multimedia** and press the **Select** soft key or the key.

3. Highlight **Camera** and press the **Select** soft key or the key.
4. Select **My Album** and choose **Video Album**.
   When you access this menu, your phone displays the videos in Thumbnail mode, which shows them as small images. Use the Navigation keys to scroll through the photos.
5. To view the photos on the full screen, press the key.
   To go back to Thumbnail mode, press the soft key or the key.
6. To pause playback, press the key.
7. To resume play, press the key.
8. To stop, press the right soft key.

## Deleting Photos and Videos

You can delete photos or video clips one by one or all at one time.

### Deleting a Photo or Video

1. From the Photo Album or Video Album, select the photo or video you want to delete.
2. Press the **Options** soft key and select **Delete**.
3. Press the **Yes** soft key to confirm the deletion.
4. When you have finished, press the key.

### Deleting All Photos and Videos

1. In Idle mode, press the **Menu** soft key to access Menu mode.

2. Select **Multimedia**. Highlight **Camera** and press the **Select** soft key or the key.
3. Select **Delete All** and press the **Select** soft key or the key.
4. Scroll to the album you want to clear and place a check mark by pressing the key. To delete all of the items, select **All**.
5. Press the **Delete** soft key.
   A confirmation message appears. If you selected **All** in step 3, the phone asks if you want to delete all photos or video clips, including ones protected or used as a Caller ID image.
6. Press the **Yes** soft key to confirm the deletion.
7. When you have finished, press the key.



## Music Zone

Your phone provides you with the MP3 Player function to enable you to enjoy MP3 music on the phone's memory.

Before using the MP3 player, you first need to save MP3 music files in your phone's memory. You can download music files from the Wireless Web, or from you computer by using the file manager program.

### Starting MP3 Player

1. In Idle mode, press and hold the key.
2. You can also press the **Menu** soft key to access Menu mode and select **Multimedia**. Highlight **Music Zone** and press the **Select** soft key or the key.
3. Select **Music Player**. The MP3 main screen displays.

4. Press the **5** or the key to begin playing music. All of the MP3 files in the phone's memory play by default.
5. To pause and resume playback, press the **5** key or the key.
6. To skip forward to the next file, press the **6** key or the Right key.
7. To go backward to the previous file, press the **4** key or the Left key.
8. To stop, press the **8** key or the Down key.
9. To open the music files list, press the **2** key or the Up key.
10. To exit the MP3 player without stopping playback, press the key. You can use other menu functions, except for the menus related with sound.
11. To adjust the volume, press the volume key on the side of the phone.
12. Press the **Options** soft key, the following options are available:
    - Play: plays the selected music file(s).
    - Open Play List: used to open Play List.
    - Settings:  changes default settings for using the MP3 player. See "Changing MP3 Player Settings" on page 139
    - Delete From Play List: deletes file from Play List.
    - Properties: shows the information about the current file playing.

## Changing MP3 Player Settings

You can change the default settings for using the MP3 player.

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **Multimedia.** Highlight **Music Zone** and press the **Select** soft key or the key.
3. Highlight **Music Player** and press the **Select** soft key or the key.
4. Press the **Options** soft key; select **Settings** and press the key

   The following options are available:

   - Repeat mode: allows you to set the MP3 player to play the current file or all of the files repeatedly.
   - Shuffle: allows you to set the MP3 player to play files in random order.
   - Equalizer: allows you to set the equalizer to the genre you want.
   - Skin: allows you to select a skin color of the MP3 player screen.
   - 3D sound: allows you to enable or disable the 3D sound.
   - Volume: allows you to set the sound volume.
5. When you have finished, press the key.

## Viewing the Music List

By default, all of the MP3 files in the phone’s memory are added to the music list. You can select and play only the files you want or delete files from the music list.

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **Multimedia**. Highlight **Music Zone** and press the **Select** soft key or the key.
3. Select **Music List**. The MP3 main screen displays.
4. Place a check mark in front of the file(s) you want to play by pressing the key.
   To select all of the files, select **All**. To deselect all of the files, select **None**.
5. You can access the following options by pressing the **Options** soft key once you have selected a file from the music list:
   - Play: plays the selected music file(s).
   - Add To Play List: use to add music files to Play List.
   - Delete: deletes the selected music file(s).
   - Protection: use to proctect music files from being deleted.
   - Properties: shows the information about the currently highlighted music files. To view the information of the next file, press the next soft key.
6. To return to the **Music Zone** menu, press the soft key or the key.

# Using Record Audio

You can record voice memos. After recording, you can send the memo to other people via the Multimedia Message Service.

## Record Audio

1. In Idle mode, press the Menu soft key to access the Menu mode.
2. Select **Multimedia**. Highlight **Record Audio**, press the **Select** soft key or the key.
3. Highlight the **Record** option and press the Select soft key or the key.
4. Press the **Record** soft key or the key. The display shows a 30-second timer. Press the to return.
5. Record a memo by speaking into the microphone.
6. When you press the **Stop** soft key or the key, or if the recording time expires, the following options display:
   - Replay: plays back your memo
   - Re-record: discards the memo and enables you to record another one
   - Save: allows you to save the memo
   - Quit: cancels your recording and exits the Record menu
7. To save the memo, choose **Save** and press the **Select** soft key or the key.
8. Press the key to clear the default name, if necessary and enter a name for the memo.
   For further details about how to enter characters, see page 47.

Press the **OK** soft key or the key.
The memo is saved and then the display shows the memo information.
You can press the **Options** soft key or the key to access the following memo options:
**Send**: allows you to send the memo to other people by using the Multimedia or Email feature.

**Rename**: allows you to change the memo’s name.

**Delete**: allows you to delete the memo.

9. When you have finished, press the key.

## Reviewing Voice Memos

1. In Idle mode, press the **Menu** soft key to access the Menu mode.
2. Select **Multimedia**. Highlight the **Record Audio** and press the **Select** soft key or the key.
3. Select **Audio List**. A list of voice memos displays.
4. Scroll to a memo and press the **Options** soft key or the key. The following options are available:
   - Play: plays the memo.
   - Send: allows you to send the memo to other people by using the Multimedia or Email feature.
   - Rename: allows you to change the memo’s name
   - Properties: displays information about the memo, such as the name, the date when the memo was made, recording durations, and memory size.
   - Delete: allows you to delete the memo.
5. Select **Play** to review the memo.

6. After playback, the display returns the memo list.
7. When you have finished, press the key.

## Deleting Voice Memos

You can delete your voice memos one by one or all at one time.

### Deleting A Voice Memo

1. Access the memo list and scroll to the memo you want to delete.
2. Press the **Options** soft key and then select **Delete.**
3. Press the **Yes** soft key or the key to confirm the deletion.
4. When you have finished, press the key.

### Deleting All Voice Memos

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **Multimedia**. Highlight **Record Audio** and press the **Select** soft key or the key.
3. Select **Delete All** and press the key.
4. Press the **Yes** soft key or the key to confirm the deletion.
5. When you have finished, press the key.

## Checking the Memory Status

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **Multimedia**. Select **Memory Status**.

This display shows the **Total**, **Used**, and **Free** memory amount and at the bottom of the screen is a sliding scale that shows the proportion of the amount of memory being used and available for the MP3 player.

3. When you have finished, press the [end key icon] key.

# Section 10: Personal Assistant

## Topics Covered

- Using the Calendar
- Using the To Do List
- Setting Alarms
- Using the Calculator
- Using the Currency Converter
- Synchronizing PIM Data

The topics covered in this section allow you to schedule appointments, view the calendar, create To-Do lists, set an alarm, and perform simple math calculations. You can also synchronize your PIM data with the corresponding applications on your PC.

## Using the Calendar

With the Calendar feature, you can:

- write memos to keep track of your schedule.
- consult the calendar and check your memos.
- set an alarm to act as a reminder.

### Writing a Memo

You can make up to 100 memos for the calendar. More than one memo can be made for one day.

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **Applications**. Highlight **Calendar** and press the **Select** soft key or the key.
   The calendar displays with today's date highlighted.
3. Scroll to a date on the calendar by pressing the Navigation keys and press the key.
   Alternatively, press the **Options** soft key and select **Go to Date**. You can enter manually a specific date and press the **OK** soft key.

**Note:** To skip to the previous or next month, press the Volume keys on the left side of the phone.

An empty memo screen displays allowing you to enter your memo.

4. Enter your memo and then press the **OK** soft key or the key.

5. If you want an alarm to ring on the chosen day, press the key. If not, press the **No** soft key. The memo is saved.
6. Enter the time for the alarm and press the key.

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**Note:** Your phone is preset to a 12-hour format.

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You can also select the melody for the alarm by pressing the **Melody** soft key.

7. If applicable, select **AM** or **PM**.
   The color of the date on the calendar changes to green to indicate that a memo exists for that date.
8. When you have finished, press the key.

When the time for a memo comes and the phone plays the selected alarm melody, press the **View** soft key or the key to access the memo. Alternatively, press the **Exit** soft key or the key to stop the alarm.

## Consulting the Calendar

### Viewing Memos on the Selected Date

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **Applications**. Highlight **Calendar** and press the select soft key or the key.
3. Select the date you want to view its memo(s).

   If there is more than one memo for that date, the latest memo displays.

4. Press the Up or Down key to scroll to the previous or next memo.
   If you want to make a new memo for that date, press the **New** soft key.
5. To access the memo options, press the **Options** soft key.
   - Edit: allows you to change the memo text.
   - Alarm: allows you to set an alarm to ring at a specified time to remind you of the memo. If you have already set an alarm for that memo, you can change or delete the alarm.
   - Delete: allows you to delete the memo.
   - Copy to: allows you to copy the memo to another date.
   - Move to: allows you to change the date of the memo.
   - Send via Infrared: allows you to send the memo to another phone via an Infrared connection.
6. When you have finished, press the **Ok** soft key or key.



## Viewing All of the Memos on the Calendar

1. In Idle mode, press the **Menu** soft key to access menu mode.
2. Select **Applications**. Highlight **Calendar** and press the **Select** soft key or the key.
3. Press the **Options** soft key and select **Search All.** The phone displays the latest memo. You can view all of the memos, starting with the oldest, regardless of the day.
4. To scroll through the memos, press the **Up** or **Down** Navigation key.
5. When you have finished, press key.

## Deleting Memos

You can delete memos on the calendar one by one or all at one time.

1. In Idle mode, press the **Menu** soft key to access menu mode.
2. Select **Applications**. Highlight **Calendar** and press the **Select** soft key or the key.
3. Select the date you want to view its memo(s).

   If there is more than one memo for that date, the latest memo displays.
4. Press the Up or Down key to scroll to the previous or next memo.
5. Press the **Options** soft key and select **Delete**.
6. Press the **Yes** soft key to confirm the deletion.
7. When you have finished, press the key.

## Deleting All Memos

1. In Idle mode, press the **Menu** soft key to access menu mode.
2. Select **Applications**. Highlight **Calendar** and press the **Select** soft key or the key.
3. Press the **Options** soft key and select **Delete All**.
4. Press the **Yes** soft key to confirm the deletion.
5. When you have finished, press the key.

# Using the To Do List

The To Do List allows you to:

- enter a list of tasks to be done
- assign a priority and a deadline to each task
- sort the tasks by priority and status

## Creating the To Do List

1. In Idle mode, press the **Menu** soft key to access menu mode.
2. Select **Applications**. Highlight **To Do List** and press the **Select** soft key or the key.
3. Press the **New** soft key or the .
4. Enter the first task.
5. Press the **OK** soft key or the .
6. Select a priority level of **high**, **normal**, or **low**.
7. Enter your deadline and press **OK** soft key or the key. If you don’t want to set a deadline, press the **Skip** soft key.
   The first task is added to the To Do List.
8. When you have finished, press the key.

## Adding Tasks to the To Do List

1. In Idle mode, press the **Menu** soft key to access menu mode.
2. Select **Applications**. Highlight **To Do List** and press the **Select** soft key or the key.

3. Press the **Options** soft key and select **New**. Continue using steps in "Creating the To Do List" on page 150.

## Viewing the To Do List

1. In Idle mode, press the **Menu** soft key to access menu mode.
2. Select **Applications**. Highlight **To Do List** and press the **Select** soft key or the key.
   The tasks display with a check mark, indicating a task has been done, and its priority level indicator; for High, for Normal, and for low.

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**Note:** You can change the status of a specific task by pressing the * key. The task is marked as completed as of the current time and date.

---

3. Scroll to a task from the list and press the key to view the details for the task.
   You can use the To Do List options by pressing the **Options** soft key.
4. You can scroll through the tasks using **Up** and **Down** keys, if necessary.
5. When you have finished, press the key.



## Using To Do List Options

You can access the following options by pressing the **Options** soft key:

**New**: allows you to create a new task.

**Mark**: allows you to change the status of a task. Select the appropriate status (**Done** or **Undo**).

**Edit**: allows you to edit a task. You can change the text priority, and / or deadline for the task.

**Sort**: allows you to sort the existing tasks by priority or status. Select the sort criterion (High, Low, Done, or Undo).

**Copy**: allows you to copy a task.

**Copy to Calendar**: allows you to copy a task to the calendar as a memo.You can also change the text and deadline for the task and / or set the alarm.

**Delete**: deletes a task.

**Delete All**: allows you to delete all tasks.

**Send vTodo**: allows you to send your To Do List item to a Phonebook entry or a specified entry via your phone.

**Exit**: exits the To do list menu.

## Setting Alarms

You can set the alarm to ring at a specific time. You can also set the phone to switch on automatically and ring the alarm even if the phone is switched off.

### Setting an Alarm

1. In Idle mode, press the **Menu** soft key to access the menu mode.
2. Select **Applications**. Highlight **Alarm** and press the **Select** soft key or ✕ key.
3. Select an alarm type
   - Single Use Alarm: the alarm rings only once and is then deactivated.
   - Daily Alarm: the alarm rings every day at the same time.

- Wake-up Call: the alarm rings to wake you up at the specified time.
- Remove Alarm: removes alarm settings.
- Autopower: the alarm rings even when the phone is turned off.

4. Enter the time for the alarm to sound.

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**Note:** Your phone is preset to a 12-hour format.

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To change the alarm tone, press the **Options** soft key and select **Alarm Tone**. Select an alarm tone from the list.

5. Press the key.
6. If applicable, select **AM** or **PM**.
7. If you select **Wake-up Call** in step 1, select a repeat option, Monday to Friday or Monday to Saturday.
8. When you have finished, press the key.

When the time for an alarm comes, press any key to stop the alarm.

## Setting Autopower Alarms

You can set the phone to ring the alarm when the time for an alarm comes, if the phone is switched off.

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **Applications**. Highlight **Alarm** and press the **Select** soft key or the key.
3. Select **Autopower**.

4. Select **Enable** to activate the Autopower feature. The phone will automatically switch on to ring the alarm when the alarm time comes.
   If the menu option is set to **Disable**, and the phone is switched off at the specified time, the alarm does not ring.
5. When you have finished, press the key.

### Deactivating Alarms

1. In Idle mode, press the **Menu** soft key to access menu mode.
2. Select **Applications**. Highlight **Alarm** and press the **Select** soft key or the key.
3. Highlight **Remove Alarm** and press the **Select** soft key or the key.
   A pop-up message displays confirming Alarm Deactivate. Press **OK** to remove or **Cancel** to exit.
4. When you have finished, press the key.



## Using the Calculator

You can use the phone as a calculator. The calculator provides basic arithmetic functions: addition, subtraction, multiplication, and division.

1. In Idle mode, press the **Menu** soft key to access menu mode.
2. Select **Applications**. Highlight **Calculator** and press the **Select** soft key or the key.
3. Enter the first number using the numeric keys.

**Note:** To include a decimal point or a bracket, press the left soft key until the symbol you want displays.

4. Enter the operation for your calculation by pressing the Navigation keys, according to the illustration on the display.
5. Enter the second number.
6. To view the result, press the key.
7. Repeat steps 1 to 4 as many times as required.
8. When you have finished, press the key.

## Using the Currency Convertor

You can figure out currency conversions.

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **Applications**. Highlight **Currency Exchange** and press the **Select** soft key or the key.
   you can insert a decimal point by pressing the # key.
3. Enter the amount to convert and press the OK soft key or the key.
   The amount you entered ad its equivalent value displays.
4. When you have finished, press the key.

## Synchronizing PIM Data

You can synchronize personal information stored in the Address Book, Calendar, or To Do List menu with corresponding PC applications by using the program supplied with your phone.

### Executing Synchronization

1. Make sure that your PC has the PC sync program installed and your phone and the PC are connected by the USB cable or the Infrared connection.

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**Note:** You can set your ID and password to prevent your personal data. See the next page.

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### Viewing Synchronization Log

You can view the last synchronization and its result for each application; Address Book, Calendar, and To do List.

1. In Idle mode, press the **Menu** soft key to access menu mode.
2. Select **Applications**. Highlight **PIM Sync** and press the **Select** soft key or the key.
3. Select **View Result**.
4. Select the application you want. Use the **Next** soft key to page through the options.
5. When you have finished, press the key.

### Changing Synchronization Settings

1. In Idle mode, press the **Menu** soft key to access menu mode.

2. Select **Applications**. Highlight **PIM Sync** and press the **Select** soft key or the key.
3. Select **Sync Settings**.
   The following options are available:
   - Name: allows you to set a name for the synchronization.
   - Category: allows you to select the application you want to synchronize. Select All to synchronize all of the items in each application.
   - Type: allows you to select the synchronization type, either Recovery Sync or Normal Sync.
   - Protocol: allows you to select the synchronization protocol, either Sync with Network or Sync with PC.
   - Server: allows you to choose which server to use for synchronization. Choose from URL, Sync DB, User ID, or Password.
4. When you have finished, press the key.

# Section 11: WAP

## Topics Covered

- Launching the WAP Browser
- Accessing a WAP site
- Navigating the WAP Browser
- Using Favorites
- Downloading Multimedia Files
- Clearing the Cache
- Changing the WAP Profiles

Your phone is equipped with a WAP (Wireless Application Protocol) browser which allows you to access Internet specified for mobile phones. This section explains how to access the WAP services of your service provider and navigate the WAP browser.

## Launching the WAP Browser

1. In Idle mode, press the key to launch the WAP browser.
   you can also press the **Menu** soft key to access menu mode and select **My MEdia**.
2. Highlight **MEdia Net** and press the **Select** soft key or the key. Select **MEdia Net Home** and press the **Select** soft key or the key.
   your phone is connected to the network and loads the homepage of the Wireless Web service provider. The content of the start-up homepage depends on your Wireless Web service provider.
3. To scroll through the screen, use the Up and Down navigation keys.
4. To exit the browser at any time, simply press the key or press the hold the key.

## Access a WAP Site

There are several ways to access a WAP site:

- Selecting a link on the browser
- Using a bookmark item in the Favorites folder; use the Bookmarks option on the browser menu list or Favorites menu.
- Entering a URL address manually; use the Go To URL option on the browser menu list or http:// menu.

## Navigating the WAP Browser

1. To scroll through browser items, press the **Up** or **Down** Navigation keys.

2. To select a browser item, press the key or press the **Options** soft key and choose **Select**.
3. To select a numbered item, press the corresponding numeric key.
4. To return to the previous page, press the key, or press the **Options** soft key and choose **Back.**
5. To access the browser menu list, press the **Menu** soft key.
6. To return to the start-up homepage, press and hold the key for more than two seconds, or press the **Menu** soft key and select the **Home** option.

## Entering Text in the WAP Browser

When you are prompted to enter text, the currently active text input mode is indicated on the screen. To change the text input mode, press the key one or more times.

The following modes are available:

**Upper-Case Alphabet Mode (A)**: allows you to enter upper-case characters.

**Lower-Case Alphabet Mode (a)**: allows you to enter lower-case characters.

**Note:** You can enter symbols in upper or lower case alphabet mode by pressing the 1 key.

**T9 Mode (T9)**: allows you to enter characters by pressing one key per letter. In this mode, you can use only the **0** key to display alternative words. To change case, press the * key.

**Number Mode (1)**: allows you to enter numbers.

## Selecting and Using Menu Options

Various menus are available when you are using the WAP Browser to navigate the Wireless Web.

To access a menu option, press the menu soft key. A menu list displays.

**Note:** The menus may vary, depending on your version of the WAP Browser.

The following options are available:

**Favorite**: shows the bookmarks list. You can bookmark the current page or access previously bookmarked pages.

**Reload**: reloads the current page.

Home: takes you back at any time to the homepage of the Wireless Web service provider.

**Go to URL**: allows you to manually enter the URL address of a WAP site. After entering an address, press the **OK** soft key to go there directly.

**Show URL**: displays the URL address of the page to which you are currently connected. It also enables you to set the current site as the startup homepage.

**Cache**: deletes the information stored in the cache. The cache stores the most recently accessed pages.

**Inbox**: allows you to read messages received from a WAP server.

**Text Messages**: allows you to send messages using the WAP server.

**Show Images**: shows the image on the current page. Press the **Next** soft key to view the next images.

**Certificates**: shows the security information when you access the Wireless Web with the secured WAP setting activated.

## Using Favorites

While navigating the WAP browser, you can bookmark the site to quickly and easily access it at a future time. The URL addresses of the bookmarked sites are stored in the Favorites folder, wherein you can use the 5-preset URL addresses and store your favorite URL addresses.

### Accessing a WAP Site Using Favorites

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **My MEdia.** Highlight **MEdia Net** and press the **Select** soft key or the key.
3. Select **Favorites**.
4. Select a bookmark item on the Favorite list.
5. Select **Goto URL**. You are accessed to the corresponding **WAP** site.

### Storing a URL Address

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **My MEdia**. Highlight **MEdia Net** and press the **Select** soft key or the key.
3. Select **Favorites**.

4. Select an empty location, and press the **Options** soft key
5. Enter the address and press the **Enter** soft key or the key.
6. Enter a name for the bookmark and press the **Enter** soft key or the key.
7. When you have finished, press the key.

### Editing a Bookmark

1. From the Favorite list, select the bookmark you want to change.
2. Select **Edit**.
3. Change the address and the name, as you would when storing a new one.
4. When you have finished, press the key.

### Deleting a Bookmark

1. From the Favorites list, select the bookmark you want to delete.
2. Select **Delete**.
3. Press the **Yes** soft key or the key to confirm the deletion.
4. When you have finished, press the key.

## Downloading Multimedia Files

You can buy a variety of multimedia files, such as ringtones, graphics, applications, Multimedia contents, and so on from the WAP browser and download them to your phone's memory. Your phone has embedded links to

the WAP sits providing you with download services, preset by your service provider.

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **MEdia Mall**. Highlight **Shop Ringtones, Shop Games, Shop Graphics, Shop Multimedia,** or **Shop Applications**, depending on the type of items you want to buy.

   To access homepage of the online shopping mall, select **MEdia Home.**
3. Find the item you want to download and follow the instructions on the screen to purchase it.

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**Note:** This content is delivered to you in Multimedia messages. You can retrieve the messages from the server and then save the items in your phone's memory. you cannot forward these messages to other people or add the saved items to an Multimedia message.

---

## Clearing the Cache

The cache is the phone's temporary memory in which the most recently accessed WAP pages are stored. You can clear the cache at anytime.

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **My MEdia**. Highlight **MEdia Net** and press the **Select** soft key or the key.
3. Select **Clear Cache**.
4. Press the **Yes** soft key or the key to confirm the deletion.

5. When you have finished, press the key.

## Changing the WAP Profiles

You can set up 5 server profiles for the WAP browser.

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **Settings**. Highlight **Connection Settings** and press the **Select** soft key or the key.
3. Highlight **MEdia Net** and press the Select soft key or the key.
4. Select the profile you want.

   For each profile, the following options are available:

   - Profile Name: enter a name that you wish to assign to the HTTP proxy server.
   - Homepage URL: set the address of your startup homepage. When the default homepage displays, you can delete it using the key and enter your own choice.
   - Bearer: select the bearer to be used for each type of network address accessed: GPRS or DATA. The remaining options depend on the Bearer setting.

   When the bearer is set to **GPRS**:

   - Proxy Setting: enter the WAP gateway address required to connect to the Internet.
   - User Name: enter the User ID required to connect to the GPRS network.
   - Password: enter the password required to connect to the GPRS network.
   - APN: enter the access point name used for the address of the GPRS network gateway.

- Proxy Status: allows you to activate and deactivate the proxy status.
- Primary DNS: enter the primary DNS (Domain Name System) address.
- Secondary DNS: enter the secondary DNS address.

When the bearer is set to **Data**:

- Proxy Setting: enter the WAP gateway address required to connect to the Internet.
- Login Name: enter the PPP server login ID.
- Password: enter the PPP server password.
- Dial-up Number: enter the PPP server phone number
- Data Call Type: select a data call type: Analog or ISDN.
- Proxy Status: allows you to activate and deactivate the proxy status.
- Primary DNS: allows you to set a Primary DNS.
- Secondary DNS: allows you set a Secondary DNS.

**Note:** A Secondary DNS appers when the Proxy Status is deactivated and when the bearer is set to GPRS.

**Note:** The WAP settings may vary depending on the service provider.

# Section 12: Health and Safety Information



## Topics Covered



This section outlines the safety precautions associated with using your phone. These safety precautions should be followed to safety use your phone.

Section 12

# Health and Safety Information

## Exposure to Radio Frequency (RF) Signals

### Certification Information (SAR)

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the exposure limits for radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. government. These FCC exposure limits are derived from the recommendations of two expert organizations, the National Counsel on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE). In both cases, the recommendations were developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy.

The exposure limit set by the FCC for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR is a measure of the rate of absorption of RF energy by the human body expressed in units of watts per kilogram (W/kg). The FCC requires wireless phones to comply with a safety limit of 1.6 watts per kilogram (1.6 W/kg). The FCC exposure limit incorporates a substantial margin of safety to give additional protection to the public and to account for any variations in measurements.

SAR tests are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined

at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a new model phone is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC. Tests for each model phone are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC. Body-worn operations are restricted to Samsung-supplied, approved, or non-Samsung designated accessories that have no metal and must provide at least 2.0 cm separation between the device, including its antenna (whether extended or retracted) and the user's body. Non-compliance with the above restrictions may result in violation of FCC RF exposure guidelines.

The FCC has granted an Equipment Authorization for this mobile phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. The maximum SAR values for this model phone as reported to the FCC are:

- Head:0.877 W/Kg.
- Body-worn: 1.08 W/Kg.

SAR information on this and other model phones can be viewed on-line at www.fcc.gov/oet/fccid. To find information that pertains to a particular model phone,

this site uses the phone FCC ID number which is usually printed somewhere on the case of the phone. Sometimes it may be necessary to remove the battery pack to find the number. Once you have the FCC ID number for a particular phone, follow the instructions on the website and it should provide values for typical or maximum SAR for a particular phone. Additional product specific SAR information can also be obtained at www.fcc.gov/cgb/sar.

## Consumer Information on Wireless Phones

The U.S. Food and Drug Administration (FDA) has published a series of Questions and Answers for consumers relating to radio frequency (RF) exposure from wireless phones. The FDA publication includes the following information:

### What kinds of phones are the subject of this update?

The term wireless phone refers here to hand-held wireless phones with built-in antennas, often called "cell," "mobile," or "PCS" phones. These types of wireless phones can expose the user to measurable radio frequency energy (RF) because of the short distance between the phone and the user's head. These RF exposures are limited by Federal Communications Commission safety guidelines that were developed with the advice of FDA and other federal health and safety agencies. When the phone is located at greater distances from the user, the exposure to RF is drastically lower because a person's RF exposure decreases rapidly with increasing distance from the source. The so-called "cordless phones," which have a base unit connected to

the telephone wiring in a house, typically operate at far lower power levels, and thus produce RF exposures well within the FCC's compliance limits.

## Do wireless phones pose a health hazard?

The available scientific evidence does not show that any health problems are associated with using wireless phones. There is no proof, however, that wireless phones are absolutely safe. Wireless phones emit low levels of radio frequency energy (RF) in the microwave range while being used. They also emit very low levels of RF when in the stand-by mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects. Many studies of low level RF exposures have not found any biological effects. Some studies have suggested that some biological effects may occur, but such findings have not been confirmed by additional research. In some cases, other researchers have had difficulty in reproducing those studies, or in determining the reasons for inconsistent results.

## What is FDA's role concerning the safety of wireless phones?

Under the law, FDA does not review the safety of radiation-emitting consumer products such as wireless phones before they can be sold, as it does with new drugs or medical devices. However, the agency has authority to take action if wireless phones are shown to emit radio frequency energy (RF) at a level that is hazardous to the user. In such a case, FDA could require the manufacturers of wireless phones to notify users of the health hazard and

to repair, replace or recall the phones so that the hazard no longer exists.

Although the existing scientific data do not justify FDA regulatory actions, FDA has urged the wireless phone industry to take a number of steps, including the following:

- "Support needed research into possible biological effects of RF of the type emitted by wireless phones;
- "Design wireless phones in a way that minimizes any RF exposure to the user that is not necessary for device function; and
- "Cooperate in providing users of wireless phones with the best possible information on possible effects of wireless phone use on human health.

FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of RF safety to ensure coordinated efforts at the federal level.  The following agencies belong to this working group:

- "National Institute for Occupational Safety and Health
- "Environmental Protection Agency
- "Federal Communications Commission
- "Occupational Safety and Health Administration
- "National Telecommunications and Information Administration

The National Institutes of Health participates in some interagency working group activities, as well.

FDA shares regulatory responsibilities for wireless phones with the Federal Communications Commission (FCC).  All phones that are sold in the United States must

comply with FCC safety guidelines that limit RF exposure. FCC relies on FDA and other health agencies for safety questions about wireless phones.

FCC also regulates the base stations that the wireless phone networks rely upon. While these base stations operate at higher power than do the wireless phones themselves, the RF exposures that people get from these base stations are typically thousands of times lower than those they can get from wireless phones. Base stations are thus not the primary subject of the safety questions discussed in this document.

## What are the results of the research done already?

The research done thus far has produced conflicting results, and many studies have suffered from flaws in their research methods. Animal experiments investigating the effects of radio frequency energy (RF) exposures characteristic of wireless phones have yielded conflicting results that often cannot be repeated in other laboratories. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals. However, many of the studies that showed increased tumor development used animals that had been genetically engineered or treated with cancer-causing chemicals so as to be pre-disposed to develop cancer in absence of RF exposure. Other studies exposed the animals to RF for up to 22 hours per day. These conditions are not similar to the conditions under which people use wireless phones, so we don't know with certainty what the results of such studies mean for human health.

Three large epidemiology studies have been published since December 2000. Between them, the studies investigated any possible association between the use of wireless phones and primary brain cancer, glioma, meningioma, or acoustic neuroma, tumors of the brain or salivary gland, leukemia, or other cancers. None of the studies demonstrated the existence of any harmful health effects from wireless phones RF exposures. However, none of the studies can answer questions about long-term exposures, since the average period of phone use in these studies was around three years.

## What research is needed to decide whether RF exposure from wireless phones poses a health risk?

A combination of laboratory studies and epidemiological studies of people actually using wireless phones would provide some of the data that are needed. Lifetime animal exposure studies could be completed in a few years. However, very large numbers of animals would be needed to provide reliable proof of a cancer promoting effect if one exists. Epidemiological studies can provide data that is directly applicable to human populations, but ten or more years' follow-up may be needed to provide answers about some health effects, such as cancer. This is because the interval between the time of exposure to a cancer-causing agent and the time tumors develop - if they do - may be many, many years. The interpretation of epidemiological studies is hampered by difficulties in measuring actual RF exposure during day-to-day use of wireless phones. Many factors affect this measurement, such as the angle at which the phone is held, or which model of phone is used.

## What is FDA doing to find out more about the possible health effects of wireless phone RF?

FDA is working with the U.S. National Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to radio frequency energy (RF).

FDA has been a leading participant in the World Health Organization international Electromagnetic Fields (EMF) Project since its inception in 1996. An influential result of this work has been the development of a detailed agenda of research needs that has driven the establishment of new research programs around the world. The Project has also helped develop a series of public information documents on EMF issues.

FDA and Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research and Development Agreement (CRADA) to do research on wireless phone safety. FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations. CTIA-funded research is conducted through contracts to independent investigators. The initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

## What steps can I take to reduce my exposure to radio frequency energy from my wireless phone?

If there is a risk from these products - and at this point we do not know that there is - it is probably very small. But if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your exposure to radio frequency energy (RF). Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure.

- "If you must conduct extended conversations by wireless phone every day, you could place more distance between your body and the source of the RF, since the exposure level drops off dramatically with distance. For example, you could use a headset and carry the wireless phone away from your body or use a wireless phone connected to a remote antenna.

Again, the scientific data do not demonstrate that wireless phones are harmful. But if you are concerned about the RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

## What about children using wireless phones?

The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower exposure to radio frequency energy (RF), the measures described above would apply to children and teenagers using wireless phones. Reducing the time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure.

Some groups sponsored by other national governments have advised that children be discouraged from using wireless phones at all. For example, the government in the United Kingdom distributed leaflets containing such a recommendation in December 2000. They noted that no evidence exists that using a wireless phone causes brain tumors or other ill effects. Their recommendation to limit wireless phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

## Do hands-free kits for wireless phones reduce risks from exposure to RF emissions?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that hands-free kits reduce risks. Hands-free kits can be used with wireless phones for convenience and comfort. These systems reduce the absorption of RF energy in the head because the phone, which is the source of the RF emissions, will not be placed against the head. On the other hand, if the phone is mounted against the waist or other part of the body during use, then that part of the body will absorb more RF energy. Wireless phones marketed in the U.S. are required to meet safety requirements regardless of whether they are used against the head or against the body. Either configuration should result in compliance with the safety limit.

## Do wireless phone accessories that claim to shield the head from RF radiation work?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to

believe that accessories that claim to shield the head from those emissions reduce risks. Some products that claim to shield the user from RF absorption use special phone cases, while others involve nothing more than a metallic accessory attached to the phone. Studies have shown that these products generally do not work as advertised. Unlike "hand-free" kits, these so-called "shields" may interfere with proper operation of the phone. The phone may be forced to boost its power to compensate, leading to an increase in RF absorption. In February 2002, the Federal trade Commission (FTC) charged two companies that sold devices that claimed to protect wireless phone users from radiation with making false and unsubstantiated claims. According to FTC, these defendants lacked a reasonable basis to substantiate their claim.

## What about wireless phone interference with medical equipment?

Radio frequency energy (RF) from wireless phones can interact with some electronic devices. For this reason, FDA helped develop a detailed test method to measure electromagnetic interference (EMI) of implanted cardiac pacemakers and defibrillators from wireless telephones. This test method is now part of a standard sponsored by the Association for the Advancement of Medical instrumentation (AAMI). The final draft, a joint effort by FDA, medical device manufacturers, and many other groups, was completed in late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless phone EMI. FDA has tested wireless phones and helped develop a

voluntary standard sponsored by the Institute of Electrical and Electronic Engineers (IEEE). This standard specifies test methods and performance requirements for hearing aids and wireless phones so that no interference occurs when a person uses a compatible phone and a compatible hearing aid at the same time. This standard was approved by the IEEE in 2000.

FDA continues to monitor the use of wireless phones for possible interactions with other medical devices. Should harmful interference be found to occur, FDA will conduct testing to assess the interference and work to resolve the problem.

Additional information on the safety of RF exposures from various sources can be obtained from the following organizations:

- FCC RF Safety Program:
  http://www.fcc.gov/oet/rfsafety/
- Environmental Protection Agency (EPA):
  http://www.epa.gov/radiation/
- Occupational Safety and health Administration's (OSHA):
  http://www.osha.slc.gov/SLTC/radiofrequencyradiation/index.html
- National institute for Occupational Safety and health (NIOSH):
  http://www.cdc.gov/niosh/emfpg.html
- World health Organization (WHO):
  http://www.who.int/peh-emf/
- International Commission on Non-Ionizing Radiation Protection:
  http://www.icnirp.de
- National Radiation Protection Board (UK):
  http://www.nrpb.org.uk

- Updated 4/3/2002: US food and Drug Administration http://www.fda.gov/cellphones

## Road Safety

Your wireless phone gives you the powerful ability to communicate by voice, almost anywhere, anytime. But an important responsibility accompanies the benefits of wireless phones, one that every user must uphold.

When driving a car, driving is your first responsibility. When using your wireless phone behind the wheel of a car, practice good common sense and remember the following tips:

1. Get to know your wireless phone and its features, such as speed dial and redial. If available, these features help you to place your call without taking your attention off the road.
2. When available, use a hands-free device. If possible, add an additional layer of convenience and safety to your wireless phone with one of the many hands free accessories available today.
3. Position your wireless phone within easy reach. Be able to access your wireless phone without removing your eyes from the road. If you get an incoming call at an inconvenient time, let your voice mail answer it for you.
4. Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow, ice and even heavy traffic can be hazardous.

5. Do not take notes or look up phone numbers while driving. Jotting down a "to do" list or flipping through your address book takes attention away from your primary responsibility, driving safely.
6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan calls when your car will be stationary. If you need to make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.
7. Do not engage in stressful or emotional conversations that may be distracting. Make people you are talking with aware you are driving and suspend conversations that have the potential to divert your attention from the road.
8. Use your wireless phone to call for help. Dial 9-1-1 or other local emergeny number in the case of fire, traffic accident or medical emergencies. Remember, it is a free call on your wireless phone!
9. Use your wireless phone to help others in emergencies. If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 9-1-1 or other local emergency number, as you would want others to do for you.
10. Call roadside assistance or a special non-emergency wireless assistance number when necessary. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no

one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency number.

**"The wireless industry reminds you to use your phone safely when driving."**

For more information, please call 1-888-901-SAFE, or visit our web-site www.wow-com.com

Provided by the Cellular Telecommunications & Internet Association

## Operating Environment

Remember to follow any special regulations in force in any area

and always switch your phone off whenever it is forbidden to use it, or when it may cause interference or danger. When connecting the phone or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

As with other mobile radio transmitting equipment, users are advised that for the satisfactory operation of the equipment and

for the safety of personnel, it is recommended that the equipment should only be used in the normal operating position (held to your ear with the antenna pointing over your shoulder).

## Using Your Phone Near Other Electronic Devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals

from your wireless phone. Consult the manufacturer to discuss alternatives.

## Pacemakers

Pacemaker manufacturers recommend that a minimum distance of 15 cm (6 inches) be maintained between a wireless phone and a pacemaker to avoid potential interference with the pacemaker.

These recommendations are consistent with the independent research and recommendations of Wireless Technology Research.

### Persons with pacemakers:

- should always keep the phone more than 15 cm (6 inches) from their pacemaker when the phone is switched on.
- should not carry the phone in a breast pocket.
- should use the ear opposite the pacemaker to minimize potential interference.

If you have any reason to suspect that interference is taking place, switch your phone off immediately.

## Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may wish to consult your hearing aid manufacturer to discuss alternatives.

## Other Medical Devices

If you use any other personal medical devices, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this

information. Switch your phone off in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

### Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

### Posted Facilities

Switch your phone off in any facility where posted notices requireyou to do so.

## Potentially Explosive Environments

Switch your phone off when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Users are advised to switch the phone off while at a refueling point (service station). Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots

(fuel storage and distribution areas), chemical plants or where blasting operations are in progress.

Areas with a potentially explosive atmosphere are often but not always clearly marked. They include below deck on boats, chemical transfer or storage facilities, vehicles

using liquefied petroleum gas (such as propane or butane), areas where the air contains chemicals or particles, such as grain, dust or metal powders, and any other area where you would normally be advised to turn off your vehicle engine.

## Emergency Calls

This phone, like any wireless phone, operates using radio signals, wireless and landline networks as well as user-programmed functions, which cannot guarantee connection in all conditions. Therefore, you should never rely solely on any wireless phone for essential communications (medical emergencies, for example).

Remember, to make or receive any calls the phone must be switched on and in a service area with adequate signal strength. Emergency calls may not be possible on all wireless phone networks or when certain network services and / or phone features are in use. Check with local service providers.

To make an emergency call:

1. If the phone is not on, switch it on.
2. Key in the emergency number for your present location (for example, 911 or other official emergency number). Emergency numbers vary by location.
3. Press the key.

If certain features are in use (call barring, for example), you may

first need to deactivate those features before you can make an emergency call. Consult this document and your local cellular service provider.

When making an emergency call, remember to give all the necessary information as accurately as possible. Remember that your phone may be the only means of communication at the scene of an accident; do not cut off the call until given permission to do so.

### Restricting Children's access to your Phone

Your phone is not a toy. Children should not be allowed to play

with it because they could hurt themselves and others, damage the phone or make calls that increase your phone bill.

## FCC Notice and Cautions

### FCC Notice

The phone may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the phone if such interference cannot be eliminated.

Vehicles using liquefied petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association, One Batterymarch Park, Quincy, MA 02269, Attn: Publication Sales Division.

### Cautions

Any changes or modifications to your phone not expressly approved in this document could void your warranty for this equipment, and void your authority to operate this equipment. Only use approved batteries,

antennas and chargers. The use of any unauthorized accessories may be dangerous and void the phone warranty if said accessories cause damage or a defect to the phone.

Although your phone is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending or sitting on it.

## Other Important Safety Information

- Only qualified personnel should service the phone or install the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the device.
- Check regularly that all wireless phone equipment in your vehicle is mounted and operating properly.
- Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts or accessories.
- For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including both installed or portable wireless equipment in the area over the air bag or in the air bag deployment area. If wireless equipment is improperly installed and the air bag inflates, serious injury could result.
- Switch your phone off before boarding an aircraft. The use of wireless phone in aircraft is illegal and may be dangerous to the aircraft's operation.
- Failure to observe these instructions may lead to the suspension or denial of telephone services to the offender, or legal action, or both.

# Product Performance

## Getting the Most Out of Your Signal Reception

The quality of each call you make or receive depends on the signal strength in your area. Your phone informs you of the current signal strength by displaying a number of bars next to the signal strength icon. The more bars displayed, the stronger the signal.

If you're inside a building, being near a window may give you better reception.

### Understanding the Power Save Feature

If your phone is unable to find a signal after 15 minutes of searching, a Power Save feature is automatically activated. If your phone is active, it periodically rechecks service availability or you can check it yourself by pressing any key.

Anytime the Power Save feature is activated, a message displays on the screen. When a signal is found, your phone returns to standby mode.

## Understanding How Your Phone Operates

Your phone is basically a radio transmitter and receiver. When it's turned on, it receives and transmits radio frequency (RF) signals. When you use your phone, the system handling your call controls the power level. This power can range from 0.006 watts to 0.2 watts in digital mode.

## Maintaining Your Phone's Peak Performance

For the best care of your phone, only authorized personnel should service your phone and accessories. Faulty service may void the warranty.

There are several simple guidelines to operating your phone properly and maintaining safe, satisfactory service.

- Hold the phone with the antenna raised, fully-extended and over your shoulder.
- Try not to hold, bend or twist the phone's antenna.
- Don't use the phone if the antenna is damaged.
- Speak directly into the phone's receiver.
- Avoid exposing your phone and accessories to rain or liquid spills. If your phone does get wet, immediately turn the power off and remove the battery. If it is inoperable, call Customer Care for service.

## Availability of Various Features/Ring Tones

Many services and features are network dependent and may require additional subscription and/or usage charges. Not all features are available for purchase or use in all areas. Downloadable Ring Tones may be available at an additional cost. Other conditions and restrictions may apply. See your service provider for additional information.

## Battery Standby and Talk Time

Standby and talk times will vary depending on phone usage patterns and conditions. Battery power

consumption depends on factors such as network configuration, signal strength, operating temperature, features selected, frequency of calls, and voice, data, and other application usage patterns.

## Battery Precautions

- Never use any charger or battery that is damaged in any way.
- Use the battery only for its intended purpose.
- If you use the phone near the network's base station, it uses less power; talk and standby time are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.
- Battery charging time depends on the remaining battery charge and the type of battery and charger used. The battery can be charged and discharged hundreds of times, but it will gradually wear out. When the operation time (talk time and standby time) is noticeably shorter than normal, it is time to buy a new battery.
- If left unused, a fully charged battery will discharge itself over time.
- Use only Samsung-approved batteries and recharge your battery only with Samsung-approved chargers. When a charger is not in use, disconnect it from the power source. Do not leave the battery connected to a charger for more than a week, since overcharging may shorten its life.
- Extreme temperatures will affect the charging capacity of your battery: it may require cooling or warming first.
- Do not leave the battery in hot or cold places, such as in a car in summer or winter conditions, as you will reduce the capacity and lifetime of the battery. Always try to keep the battery at room temperature. A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Li-ion batteries are particularly affected by temperatures below 0 °C (32 °F).

- Do not short-circuit the battery. Accidental short- circuiting can occur when a metallic object (coin, clip or pen) causes a direct connection between the + and - terminals of the battery (metal strips on the battery), for example when you carry a spare battery in a pocket or bag. Short-circuiting the terminals may damage the battery or the object causing the short-circuiting.
- Dispose of used batteries in accordance with local regulations. In some areas, the disposal of batteries in household or business trash may be prohibited.  For safe disposal options for Li-Ion batteries, contact your nearest Samsung authorized service center.  Always recycle. Do not dispose of batteries in a fire.

## Care and Maintenance

Your phone is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you fulfill any warranty obligations and allow you to enjoy this product for many years

- Keep the phone and all its parts and accessories out of the reach of small children's.
- Keep the phone dry. Precipitation, humidity and liquids contain minerals that will corrode electronic circuits.
- Do not use the phone with a wet hand. Doing so may cause an electric shock to you or damage to the phone.
- Do not use or store the phone in dusty, dirty areas, as its moving parts may be damaged.
- Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store the phone in cold areas. When the phone warms up to its normal operating temperature, moisture can form inside the phone, which may damage the phone's electronic circuit boards.

- Do not drop, knock or shake the phone. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents or strong detergents to clean the phone. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.
- Do not paint the phone. Paint can clog the device's moving parts and prevent proper operation.
- Do not put the phone in or on heating devices, such as a microwave oven, a stove or a radiator. The phone may explode when overheated.
- Use only the supplied or an approved replacement antenna. Unauthorized antennas or modified accessories may damage the phone and violate regulations governing radio devices.
- If the phone, battery, charger or any accessory is not working properly, take it to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.

# Section 13: Warranty Information

## Topics Covered

- Standard Limited Warranty

Section 13

# Standard Limited Warranty

**What is Covered and For How Long?** SAMSUNG TELECOMMUNICATIONS AMERICA, L.P. ("SAMSUNG") warrants to the original purchaser ("Purchaser") that SAMSUNG's Phones and accessories ("Products") are free from defects in material and workmanship under normal use and service for the period commencing upon the date of purchase and continuing for the following specified period of time after that date:

| | |
|---|---|
| Phone | 1 Year |
| Batteries | 1 Year |
| Leather Case / Pouch | 90 Days |
| Holster | 90 Days |
| Other Phone Accessories | 1 Year |

**What is Not Covered?** This Limited Warranty is conditioned upon proper use of Product by Purchaser. This Limited Warranty does not cover: (a) defects or damage resulting from accident, misuse, abuse, neglect, unusual physical, electrical or electromechanical stress, or modification of any part of Product, including antenna, or cosmetic damage; (b) equipment that has the serial number removed or made illegible; (c) any plastic surfaces or other externally exposed parts that are scratched or damaged due to normal use; (d) malfunctions resulting from the use of Product in conjunction with accessories,

products, or ancillary / peripheral equipment not furnished or approved by SAMSUNG; (e) defects or damage from improper testing, operation, maintenance, installation, or adjustment; (f) installation, maintenance, and service of Product, or (g) Product used or purchased outside the United States or Canada. This Limited Warranty covers batteries only if battery capacity falls below 80% of rated capacity or the battery leaks, and this Limited Warranty does not cover any battery if (i) the battery has been charged by a battery charger not specified or approved by SAMSUNG for charging the battery, (ii) any of the seals on the battery are broken or show evidence of tampering, or (iii) the battery has been used in equipment other than the SAMSUNG phone for which it is specified.

**What are SAMSUNG's Obligations?** During the applicable warranty period, SAMSUNG will repair or replace, at SAMSUNG's sole option, without charge to Purchaser, any defective component part of Product. To obtain service under this Limited Warranty, Purchaser must return Product to an authorized phone service facility in an adequate container for shipping, accompanied by Purchaser's sales receipt or comparable substitute proof of sale showing the date of purchase, the serial number of Product and the sellers' name and address. To obtain assistance on where to deliver the Product, call Samsung Customer Care at 1-888-987-4357. Upon receipt, SAMSUNG will promptly repair or replace the defective Product. SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any Product or replace Product with a rebuilt, reconditioned or new Product. Repaired /

replaced leather cases, pouches and holsters will be warranted for a period of ninety (90) days. All other repaired / replaced Product will be warranted for a period equal to the remainder of the original Limited Warranty on the original Product or for 90 days, whichever is longer. All replaced parts, components, boards and equipment shall become the property of SAMSUNG. If SAMSUNG determines that any Product is not covered by this Limited Warranty, Purchaser must pay all parts, shipping, and labor charges for the repair or return of such Product.

**WHAT ARE THE LIMITS ON SAMSUNG'S WARRANTY/LIABILITY?**

EXCEPT AS SET FORTH IN THE EXPRESS WARRANTY CONTAINED HEREIN, PURCHASER TAKES THE PRODUCT "AS IS," AND SAMSUNG MAKES NO WARRANTY OR REPRESENTATION AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT, INCLUDING BUT NOT LIMITED TO:

- "THE MERCHANTABILITY OF THE PRODUCT OR ITS FITNESS FOR ANY PARTICULAR PURPOSE OR USE;
- "WARRANTIES OF TITLE OR NON-INFRINGEMENT;
- "DESIGN, CONDITION, QUALITY, OR PERFORMANCE OF THE PRODUCT;
- "THE WORKMANSHIP OF THE PRODUCT OR THE COMPONENTS CONTAINED THEREIN; OR
- "COMPLIANCE OF THE PRODUCT WITH THE REQUIREMENTS OF ANY LAW, RULE, SPECIFICATION OR CONTRACT PERTAINING THERETO.

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Samsung Telecommunications America, L.P.

1301 East Lookout Drive

Richardson, Texas 75082

Phone: 1-800-SAMSUNG

Phone: 1-888-987-HELP (4357)

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Section 13

# Samsung Telecommunications America (STA), Inc.

| Headquarters: | Customer Care Center: |
|---|---|
| 1301 E. Lookout Drive | 1601 E. Plano Parkway, Suite 150 |
| Richardson, TX 75082 | Plano, TX 75074 |
| Tel: 972.761.7000 | Toll Free Tel: 1.888.987.HELP (4357) |

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